

STR-AV23/AV270X/AV370X/AV570X

SERVICE MANUAL

US Model

STR-AV23/AV270X/AV570X

Canadian Model

STR-AV370X/AV570X



Photo: STR-AV570X

SPECIFICATIONS

Audio Power Specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
With 8-ohm load, both channels driven, from 40-20 kHz, rated 60 watts (STR-AV570X) or 40 watts (STR-AV23/AV270X/AV370X) per channel minimum RMS power, with less than 0.8% total harmonic distortion from 250 milliwatts to rated output.

Other Specifications

Amplifier section

Continuous RMS power output (8 ohms, at 1 kHz less than 0.8% total harmonic distortion)

STR-AV570X	60W+60W
STR-AV23 AV270X AV370X	40W+40W

Dynamic power (at 1 kHz IHF)

	8 ohms
STR-AV570X	75W+75W
STR-AV23 AV270X AV370X	55W+55W

Harmonic distortion

Less than 0.8% at rated output

Frequency response

PHONO: RIAA equalization curve ± 0.5 dB

CD

VIDEO

TAPE

10 Hz – 50 kHz ± 0.5 dB

Inputs

	Sensitivity	Impedance	S/N (weighting network, input level)
PHONO	2.5 mV	50 kilohms	74 dB 72 dB* (A, 2.5 mV)
CD VIDEO TAPE	150 mV	50 kilohms	95dB 80 dB* (A, 150 mV)

*78 IHF

Outputs

REC OUT, VIDEO (AUDIO) OUT	Voltage 150 mV Impedance 10 kilohms
SPEAKER A, B	Accepts speakers of 8 – 16 ohms
HEADPHONES	Accepts low and high impedance headphones

Tone controls

BASS: ± 10 dB at 100 Hz

TREBLE: ± 10 dB at 10 Hz

Muting

– 20 dB

DBFB

+12 dB at 70 Hz

Tuner section

	FM tuner section	AM tuner section
Tuning range	87.5 – 108 MHz	530 – 1710 kHz
Antenna terminals	300 ohms, balanced 75 ohms, unbalanced	External antenna terminal
Sensitivity at 50 dB quieting	18.3 dBf, 4.5 μ V (mono) 38.3 dBf, 45 μ V (stereo)	–
Usable sensitivity	11.2 dBf, 2 μ V (IHF)	Loop antenna: 500 μ V (at 1,000 kHz)
Signal-to-noise ratio	76 dB (mono) 70 dB (stereo)	54 dB (at 50 mV/m)
Harmonic distortion	0.3% (mono), 0.5% (stereo) at 1 kHz	0.5% (at 50 mV/m, 400Hz)
Selectivity	60 dB at 400 kHz	40 dB at 10 kHz
Separation	45 dB at 1 kHz	–
Frequency response	30 Hz – 15kHz ± 0.5 dB	–

FM STEREO FM-AM RECEIVER
SONY®



使用時は添付資料も参照のこと
Refer to the additional documents.

**General
System**

Tuner section: PLL quartz-locked digital synthesizer system

Preamplifier section: low-noise NF type equalizer amp

Power amplifier section: quasi-complementary SEPP

Power requirements

120V AC, 60 Hz

Power consumption

	US model	Canadian model
STR-AV570X	105W	185W
STR-AV370X	—	155W
STR-AV23 AV270X	90W	—

STR-AV570X/AV23: In standby condition: 5W

AC outlets

One switched (120 W/1A Max)

Dimensions

Approx. 430 × 122.5 × 300mm (w/h/d)

(17 × 4 7/8 × 11 7/8 inches)

including projecting parts and controls

Weight

STR-AV570X	Approx. 6.5 kg (14 lb 5 oz)
STR-AV23 AV270X AV370X	Approx. 6 kg (13 lb 4 oz)

Accessories supplied

FM wire antenna (1)

AM loop antenna (1)

Remote Commander RM-S103 (1) (STR-AV23/AV370X/AV570X)

Sony batteries SUM 3 (NS) (2) (STR-AV23/AV370X/AV570X)

Design and specifications subject to change without notice.

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1. GENERAL		
	Location and Function of Controls	3
	Receiving FM/AM Broadcasts	4
2. ELECTRICAL ADJUSTMENTS		6
3. DIAGRAMS		
3-1.	Block Diagram	7
3-2.	Printed Wiring Boards — Main Section — ...	11
3-3.	Schematic Diagram — Main Section —	15
3-4.	Printed Wiring Boards — Tuner Section — ..	19
3-5.	Schematic Diagram — Tuner Section —	20
3-6.	Explanation of IC301 (μ PD75206)	23
4. EXPLODED VIEWS		25
5. ELECTRICAL PARTS LIST		27

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

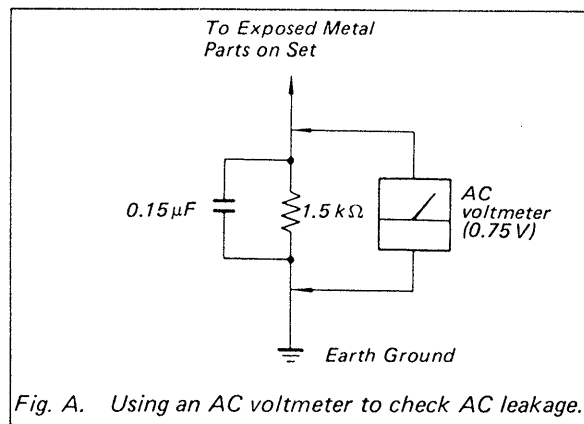
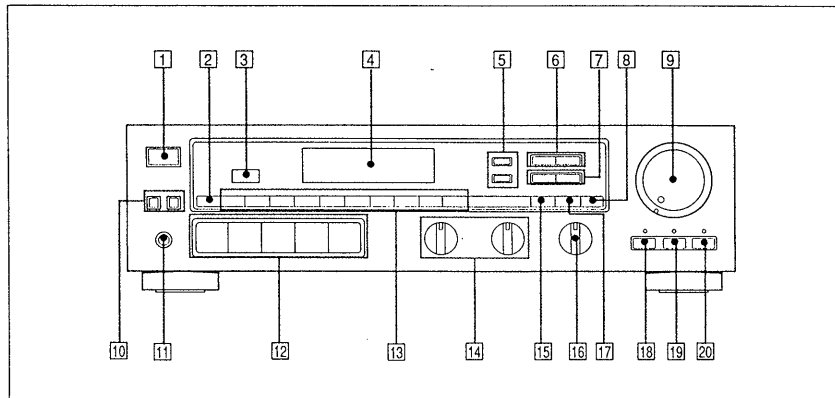


Fig. A. Using an AC voltmeter to check AC leakage.

SECTION 1

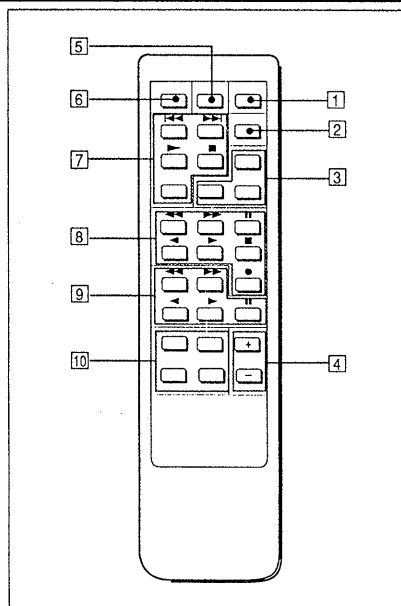
GENERAL

Location and Function of Controls



- ❶ **POWER switch**
- ❷ **SHIFT button**
- ❸ **Remote sensor (STR-AV23/AV370X/AV570X)**
- ❹ **Display window**
- ❺ **BAND selectors**
- ❻ **TUNING +/- buttons**
- ❼ **PRESET +/- buttons**
- ❽ **FM MODE button**
When an FM stereo program is noisy or hard to receive, press this button. The STEREO indicator goes out (the sound is heard in monaural, but the reception will be improved). To return to the stereo mode, press again or change the frequency.
- ❾ **VOLUME control and indicator (STR-AV23/AV370X/AV570X)**
- ❿ **SPEAKERS selectors**
Depress to select which speaker system to drive. For both speaker systems, depress A and B.
- ⓫ **HEADPHONES jack (stereo phone jack)**
Connect the headphones to this jack for private listening.
- ⓬ **Function selectors**
- ⓭ **Numeric buttons**
- ⓮ **TONE controls**
Turn the TREBLE control to adjust the high frequency sound. Turn BASS control to adjust the low frequency sound.
- ⓯ **MEMORY button**
- ⓰ **BALANCE control**
Adjust to correct stereo imaging, when the speaker position is not symmetrical.
- ⓱ **DIRECT TUNING button**
- ⓲ **DBFB (Dynamic Bass Feed Back) button and indicator**
To reinforce the bass frequency sound, press this button.
- ⓳ **MUTING button and indicator (STR-AV23/AV370X/AV570X)**
Press to attenuate the sound level immediately (~20 dB attenuation). Pressing this button makes the indicator be lighted. To restore the sound level, press again.
- ⓴ **SURROUND button and indicator**
To obtain the surround effect, press this button.

Remote Commander RM-S103 (STR-AV23/AV370X/AV570X)



- ❶ **POWER button**
- ❷ **DBFB button**
- ❸ **TUNER PRESET +/- and SHIFT buttons**
- ❹ **VOLUME +/- buttons**
- ❺ **SURROUND button**
- ❻ **MUTING button**
- ❼ **CD player operation buttons**
D, (disc) SKIP: When your CD player is equipped with a multi-disc changer, use this button to select loaded disc.
CD ►: Selects the CD function and starts CD playback.
- ❽ **DECK B operation buttons (also for single tape deck)**
DECK B ◀▶: Select tape function and start tape playback on deck B.
- ❾ **DECK A operation buttons**
DECK A ◀▶: Select tape function and start tape playback on deck A.
- ⓫ **Function select buttons**

Notes on the remote commander
For the functions other than the receiver's own ones, the remote commander is effective only with Sony components having a remote sensor with a  mark.

Receiving FM/AM Broadcasts

How to receive a broadcast

When you know the frequency	See "Direct Access Tuning".
When you do not know the frequency	FM: See "Automatic Tuning". AM: See "Manual Tuning".
Tuning in a preset frequency	See "Preset Tuning".

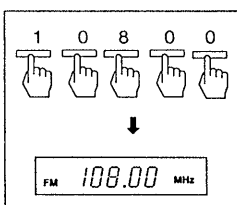
Direct Access Tuning

POWER → ON

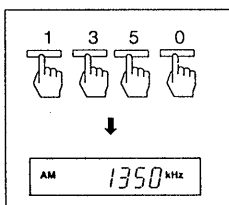
Select SPEAKERS
A or B.

- 1 Press TUNER.
- 2 Select FM or AM.
- 3 Press TUNING DIRECT.
- 4 Press the appropriate numeric buttons to enter the frequency. (See examples below.)
- 5 Adjust the volume.

Example 1: FM 108.00 MHz



Example 2: AM 1350 kHz



For entering AM frequencies

You do not need to enter the last "0".

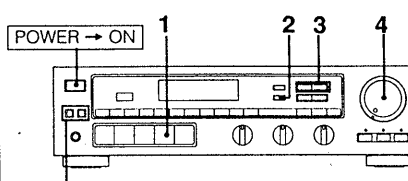
Correcting the entered frequency

Repeat the above steps from the beginning.

If the frequency figures flash in the display window

The entered number is outside the receiver's frequency range (FM 87.5 to 108 MHz; AM 530 to 1710 kHz). Enter the correct frequency.

Automatic Tuning (for FM reception)



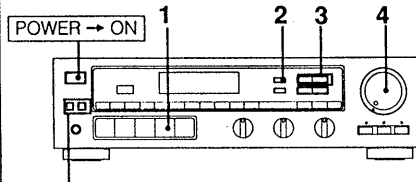
- 1 Press TUNER.
- 2 Select FM.
- 3 Press + or - TUNING.

When a station is received, automatic tuning stops automatically. To change the station, press + or - again.

- 4 Adjust the volume.

When sweeping does not stop at the desired station

The signal strength is weak. Tune in the station as described in "Direct Access Tuning".

Manual Tuning (for AM reception)

Select SPEAKERS
A or B.

- 1 Press TUNER.**
- 2 Select AM.**
- 3 Press + or – TUNING.**

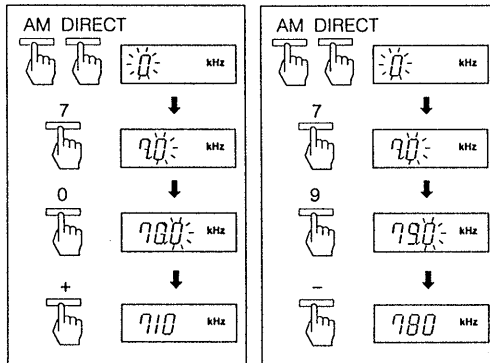
Each time + or – is pressed, the frequency will change by 10 kHz. To change the frequency continuously, keep the button pressed.

- 4 Adjust the volume.**

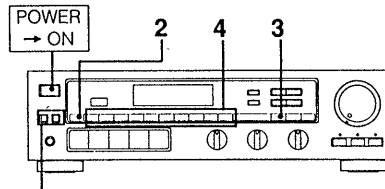
Quickly tuning in a roughly known frequency

Proceed as the following example.

Example: The station between AM 700 and AM 800 kHz.

**Preset Tuning**

A total of 30 FM/AM stations can be memorized in any desired sequence.

Memorizing a Station

Select SPEAKERS A or B.

- 1 Tune in the desired station.** (See "Automatic Tuning", "Manual Tuning" or "Direct Access Tuning".)
- 2 Press SHIFT** to select the memory page (A, B or C).
- 3 Press MEMORY.**
Memory indicator appears for a few seconds.
- 4 Press the desired numeric button (1 to 0), while the MEMORY indicator is displayed.**

Repeat above steps for presetting other desired stations.

Use of memory pages

The memory pages (A, B and C) can be used to classify stations according to the music category, station band, etc.

Replacing a preset station

Preset another station on the number of the station to be replaced. The previously preset station will be erased.

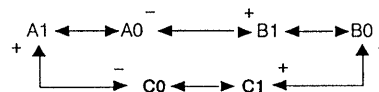
Tuning in a Preset Station**Method A: Direct**

- 1 Press TUNER.**
- 2 Press SHIFT** to select memory page (A, B or C).
- 3 Press the preset numeric button.**
- 4 Adjust the volume.**

Method B: Scan

- 1 Press TUNER.**
- 2 Press + or – PRESET.**

Each time you press + or –, the preset station of the next higher or lower number is tuned in.



- If you keep pressing + or –, preset stations are successively tuned in. Release the button when the desired preset station is tuned in.

- 3 Adjust the volume.**

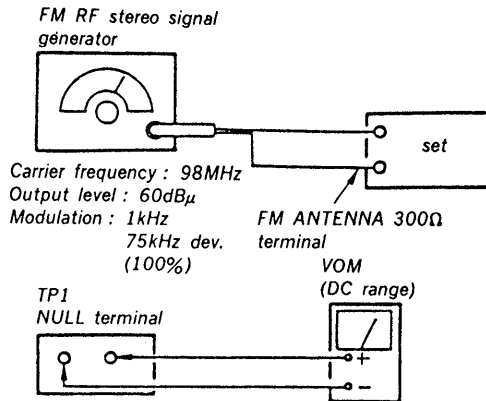
SECTION 2

ELECTRICAL ADJUSTMENTS

FM SECTION

• FM Discriminator (NULL) Adjustment

Setting :



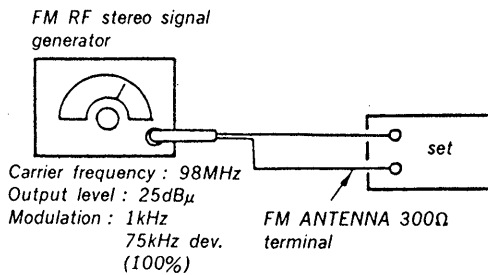
Procedure :

1. Tune the set to 98MHz.
2. Adjust T21 for 0V reading on the VOM.

Note : FM Tuning Level adjustment should be made after FM discriminator adjustment.

• FM Stereo Operation Level Adjustment

Setting :

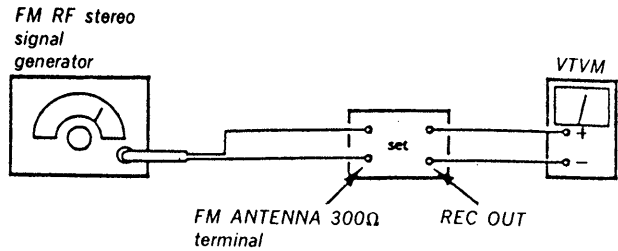


Procedure :

1. Tune the set to 98MHz.
2. Adjust RV24 so that the STEREO LED goes on.

• FM Stereo Separation Adjustment

Setting :



Carrier frequency : 98MHz
Output level : 60dB μ
Modulation :
Audio (1kHz) : 33.75kHz dev. (45%)
Pilot (19kHz) : 7.5kHz dev. (10%)
Sub-channel (38kHz) : 33.75kHz dev. (45%)

Procedure :

Tune the set to 98MHz.

FM stereo signal generator output channel	VTVM connection	VTVM reading (dB)
L-CH	L-CH	Ⓐ
R-CH	L-CH	Ⓑ ₁ Adjust RV21 for minimum reading.
R-CH	R-CH	Ⓒ
L-CH	R-CH	Ⓓ ₁ Adjust RV21 for minimum reading.

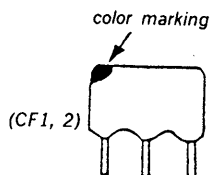
L-CH Stereo separation : Ⓐ - Ⓑ

R-CH Stereo separation : Ⓒ - Ⓓ

The separations of both channels should be equal.

Note on Ceramic Filter (CF1, 2) Replacement.

This set employs two ceramic filters (CF1, 2) which should have the same color marking to identify their center frequency. Therefore FM IF offset adjustment by (* A, * B) connection is necessary to match the center frequency of the ceramic filters used with FM intermediate frequency.

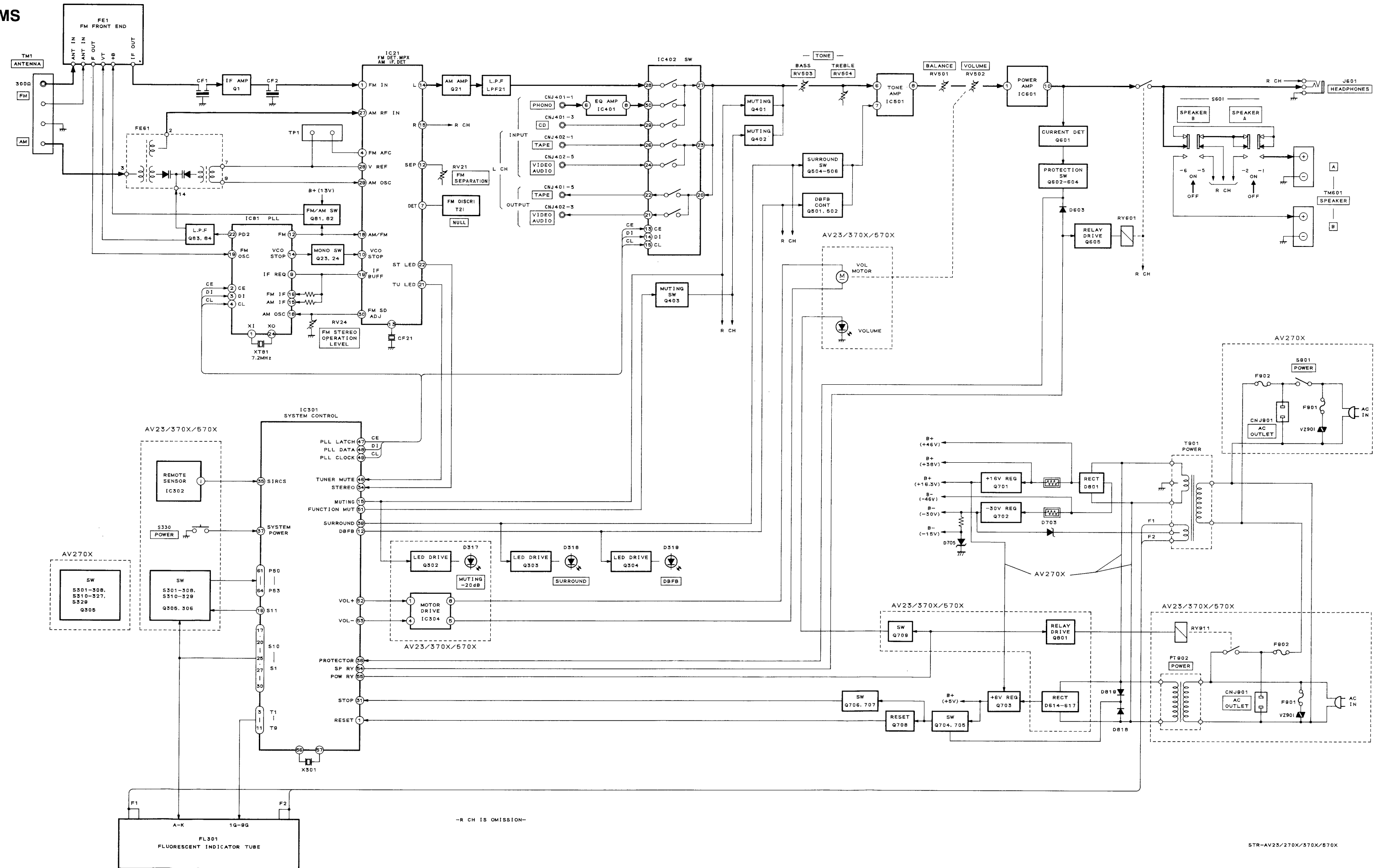
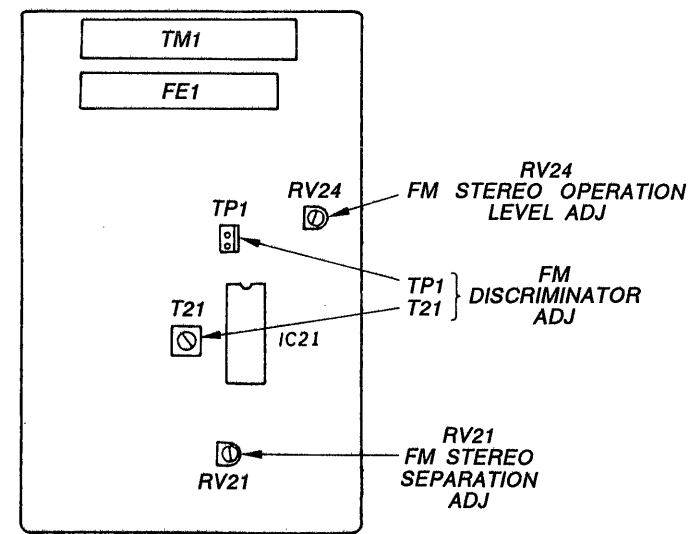


○ : short

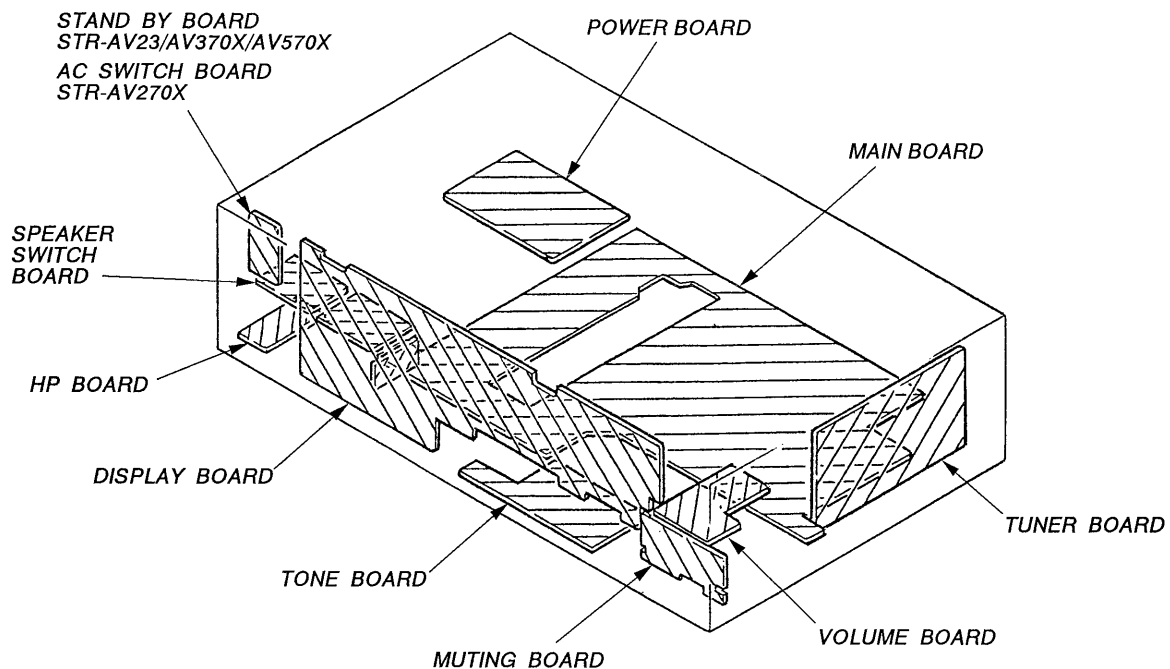
× : open

Ceramic filter		Connection		FM intermediate frequency (MHz)
Color mark	Center frequency (MHz)	* A (D326)	* B (D327)	
White	10.750	×	○	10.750
Red	10.700	×	×	10.700
Black	10.650	○	○	10.650

3-1. BLOCK DIAGRAM

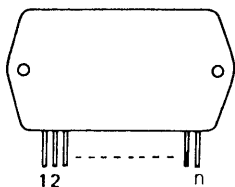


● CIRCUIT BOARDS LOCATION

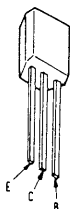


● Semiconductor Lead Layouts

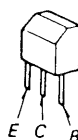
STK4162MK2
STK4192MK2



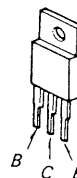
DTA114ES
DTA124ES
DTC114ES
DTC124ES
2SC2603-EF
2SC2669-OY
2SC3623A-LK



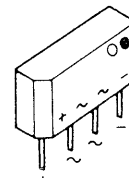
2SB734-34



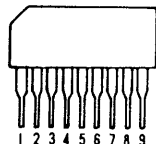
2SD2012



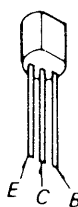
RBA-402



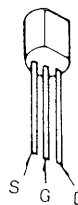
μ PC4570HA-1



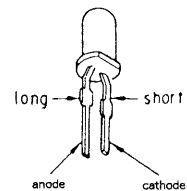
2SC3113-AB



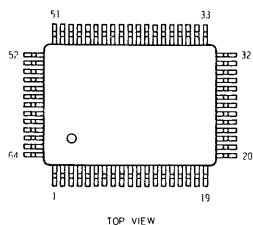
2SK246-GR3



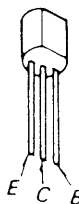
SEL2810A-C



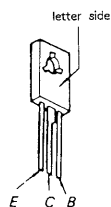
μ PD75206G-557-1B



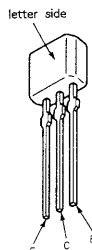
2SA988-F



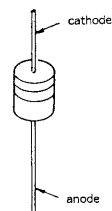
2SD809-K



2SA1175-HFE
2SC2785-HFE



HZS4ALL
HZS6C3L
RD27ESB2
UZ-4.3BSB
UZ-6.2BSC
UZ-15BSB
UZ-16BSB
1N4148M
11ES2

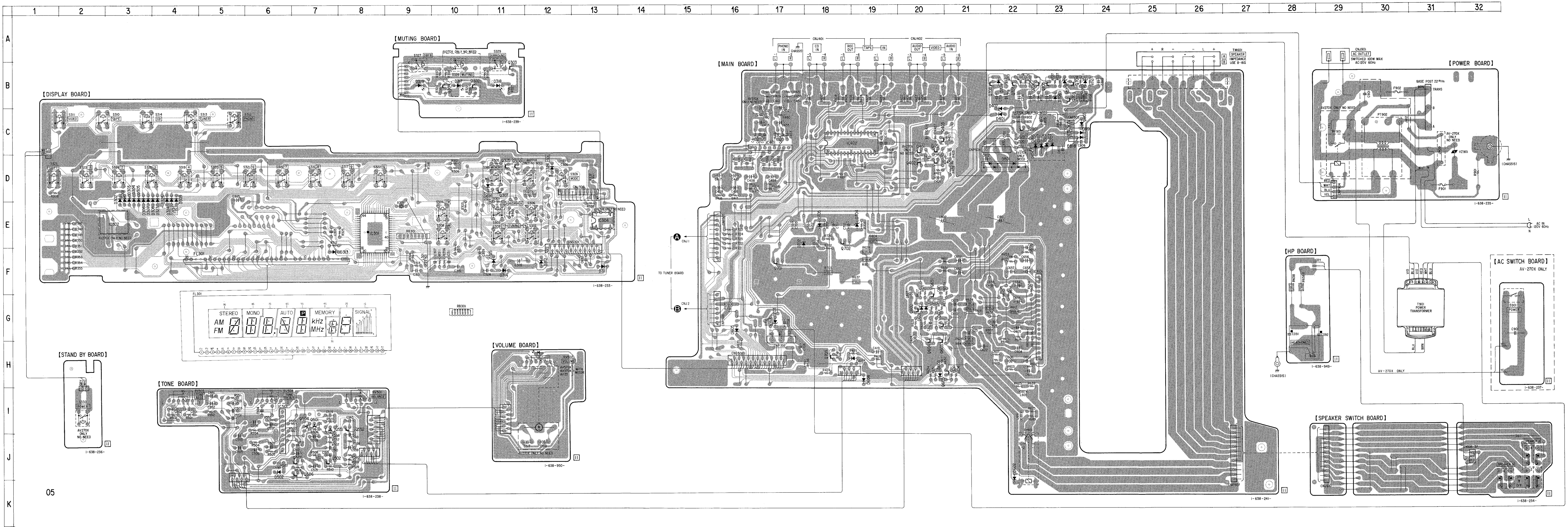


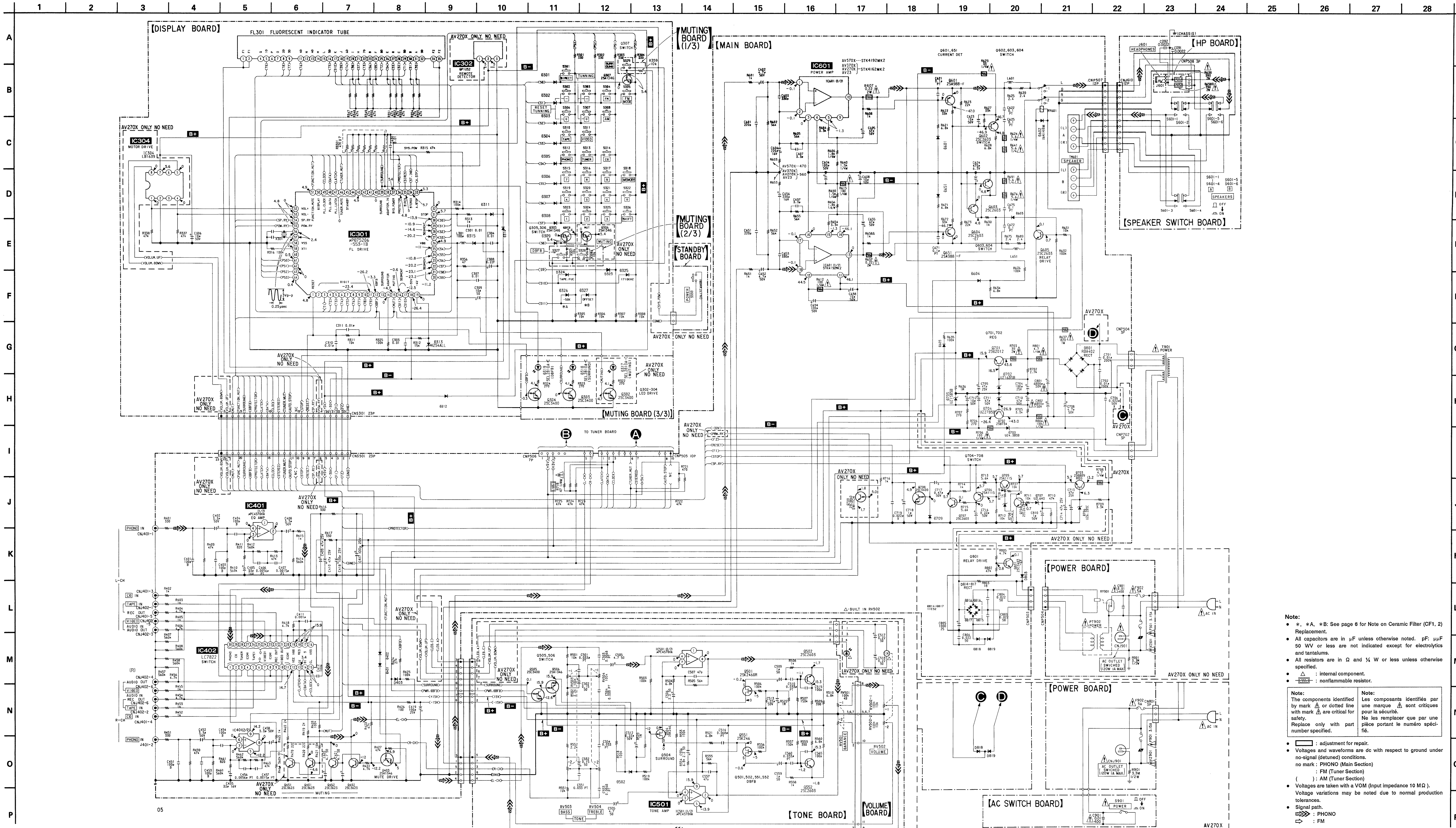
3-2. PRINTED WIRING BOARDS
- MAIN SECTION -

● Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D301	D-3	IC301	E-8
D302	D-3	IC302	E-3
D303	D-3	IC304	E-13
D304	D-3	IC401	C-17
D305	D-3	IC402	C-18
D306	D-3	IC501	I-6
D307	D-3	IC601	G-22
D308	D-3		
D309	D-4	Q302	B-10
D311	F-13	Q303	B-11
D312	F-12	Q304	B-10
D313	F-7	Q305	D-11
D314	F-11	Q306	D-11
D315	F-11	Q307	D-11
D317	B-10	Q401	C-20
D318	B-11	Q402	D-20
D319	B-9	Q403	C-20
D323	D-4	Q451	C-20
D324	D-4	Q452	D-20
D325	D-4	Q501	I-7
D326	D-12	Q502	J-7
D327	D-11	Q504	I-7
D328	F-11	Q505	J-7
D401	C-22	Q506	J-7
D402	C-22	Q551	I-7
D403	H-19	Q552	I-8
D502	J-6	Q601	G-20
D601	G-20	Q602	G-20
D602	K-22	Q603	H-20
D603	H-20	Q604	H-20
D604	H-19	Q605	H-21
D605	G-16	Q651	G-20
D651	G-20	Q701	F-17
D702	E-17	Q702	E-18
D703	G-17	Q703	B-23
D704	E-19	Q704	B-23
D705	E-18	Q705	B-23
D706	B-23	Q706	B-22
D707	B-23	Q707	B-22
D708	B-23	Q708	B-21
D709	B-22	Q709	B-22
D801	D-22	Q801	C-22
D803	C-23		
D814	C-23		
D815	C-23		
D816	C-22		
D817	C-23		
D818	C-23		
D819	C-23		

Note:
● : parts extracted from the component side.
● : parts mounted on the conductor side.
● : indicates side identified with part number.
● *, *A, *B: See page 6 for Note on Ceramic Filter (CF1, 2) Replacement.

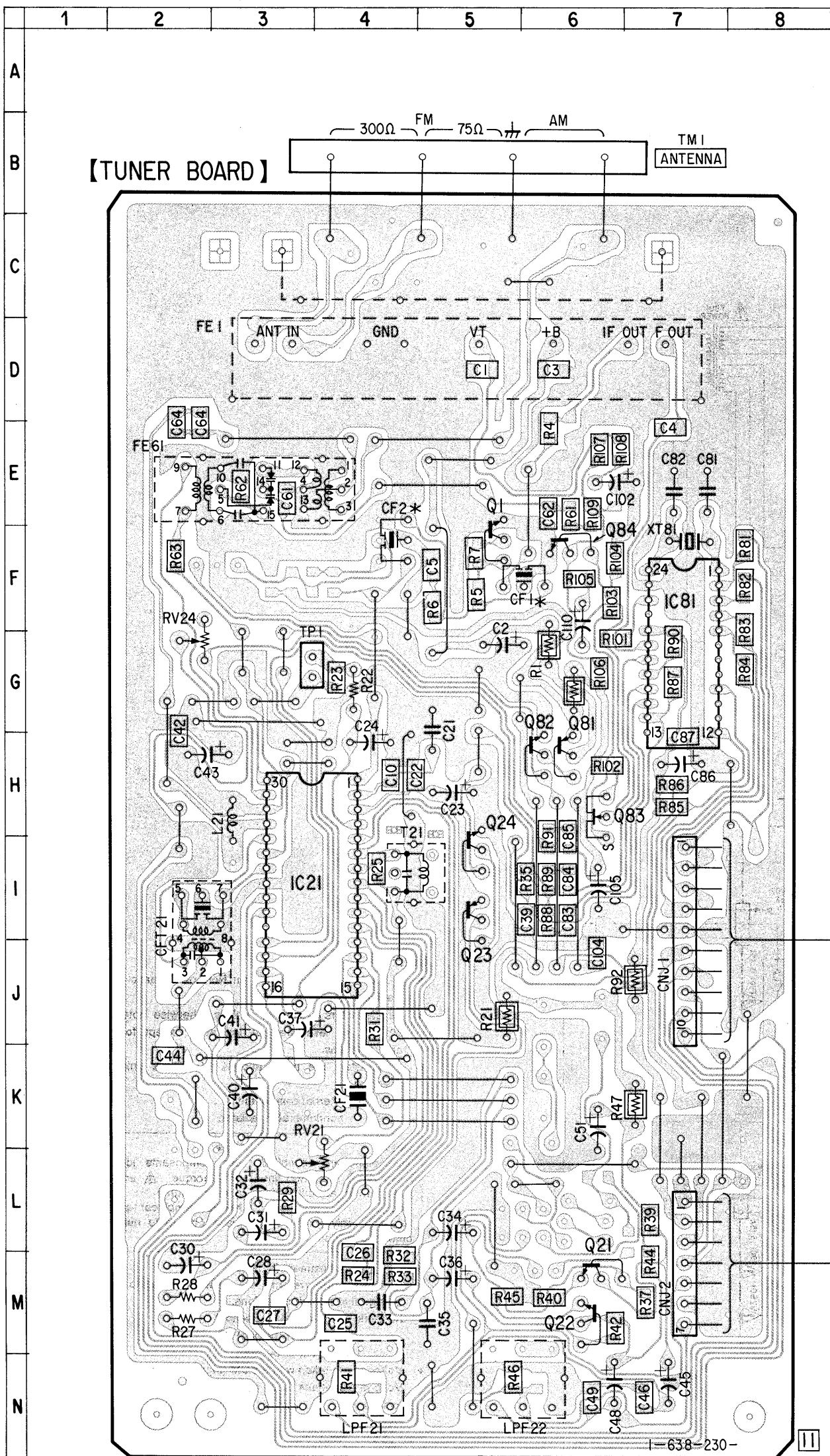




3-4. PRINTED WIRING BOARDS -- TUNER SECTION -- • See page 11 for Note.

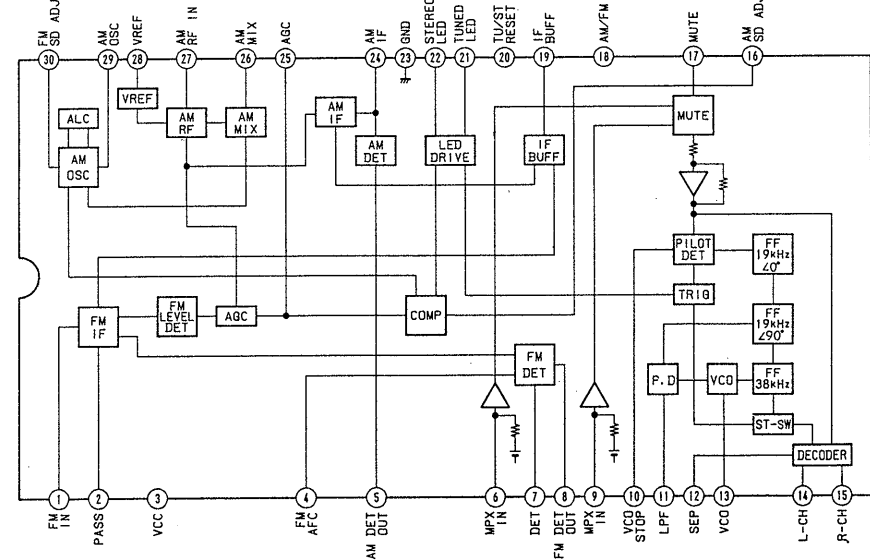
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
IC21	I-3	Q23	I-5
IC81	F-7	Q24	I-5
Q1	F-5	Q81	H-6
Q21	M-6	Q82	H-6
Q22	M-6	Q83	H-6
		Q84	F-6

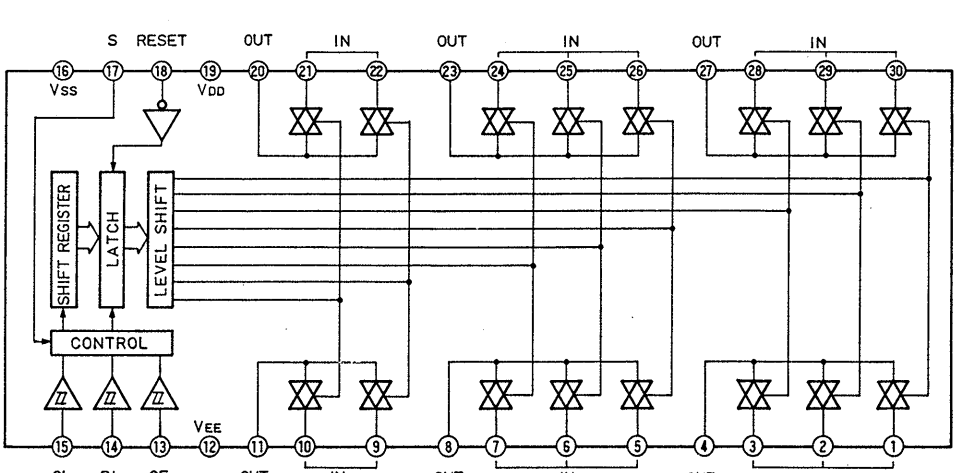


• IC BLOCK DIAGRAMS

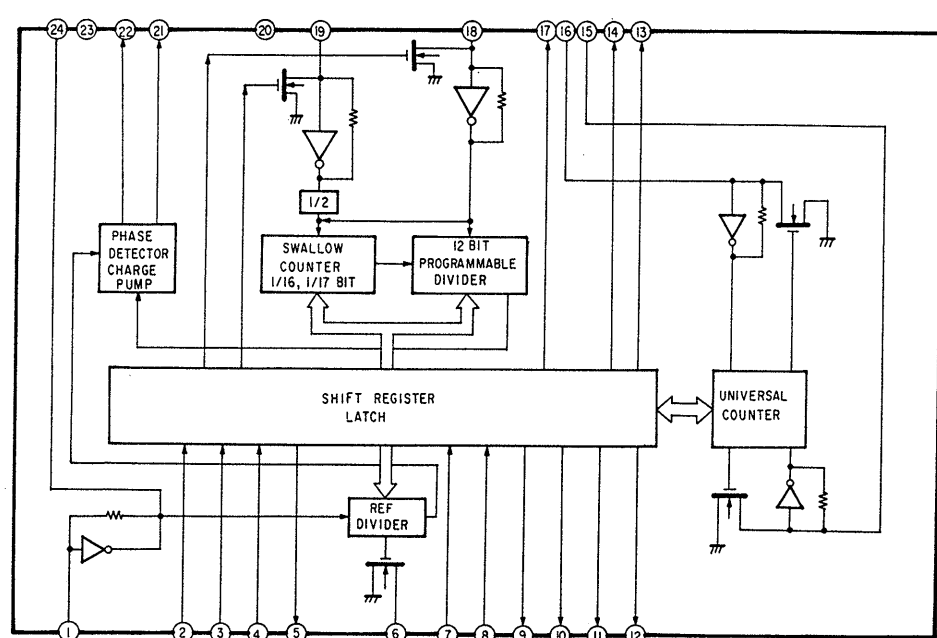
IC21 LA1851N



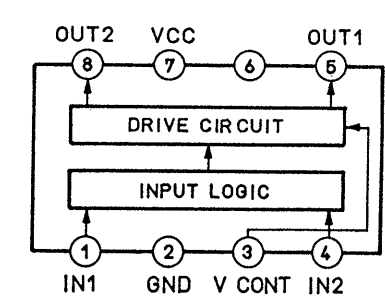
IC81 LC7218



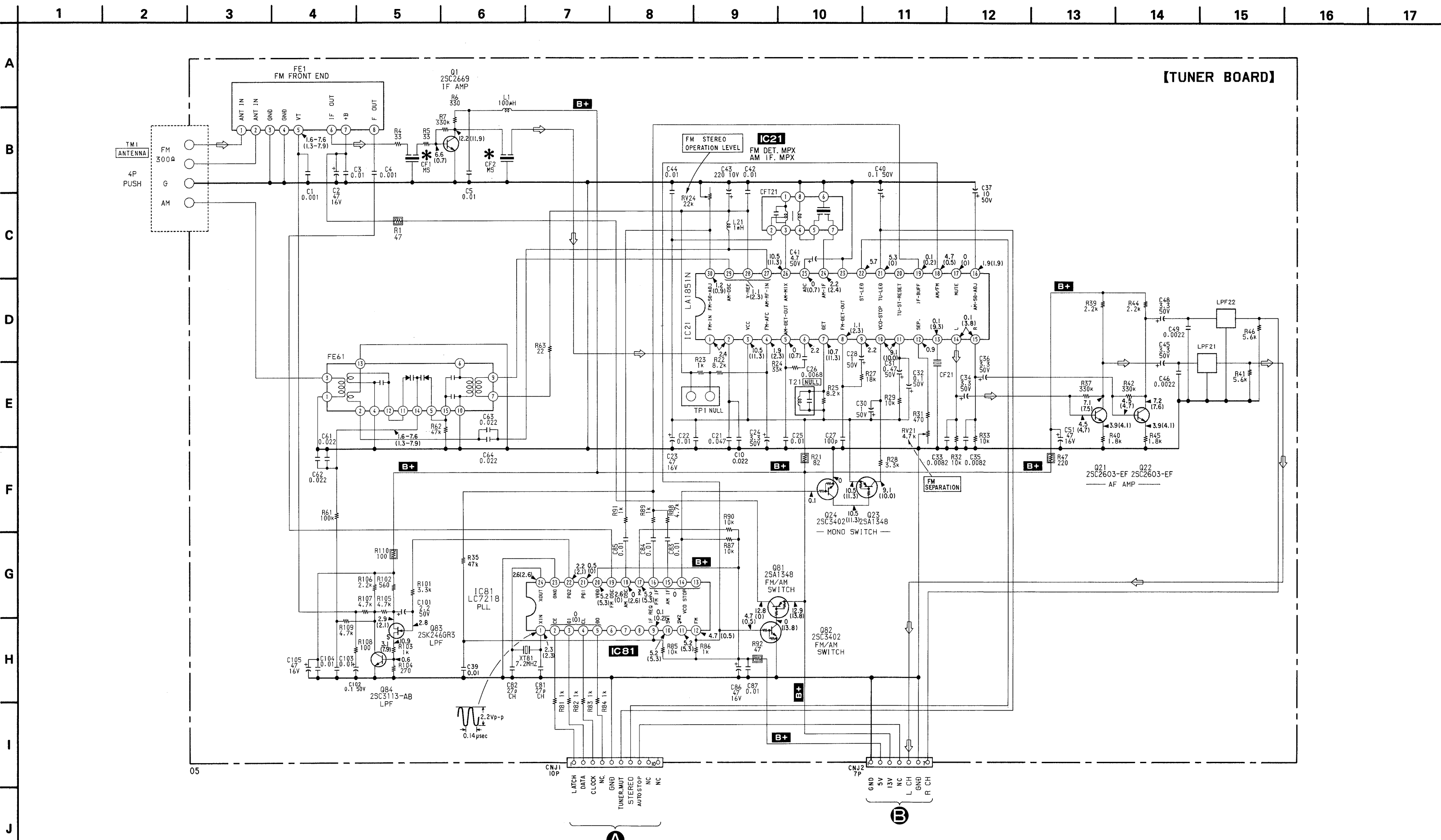
IC402 LC7822



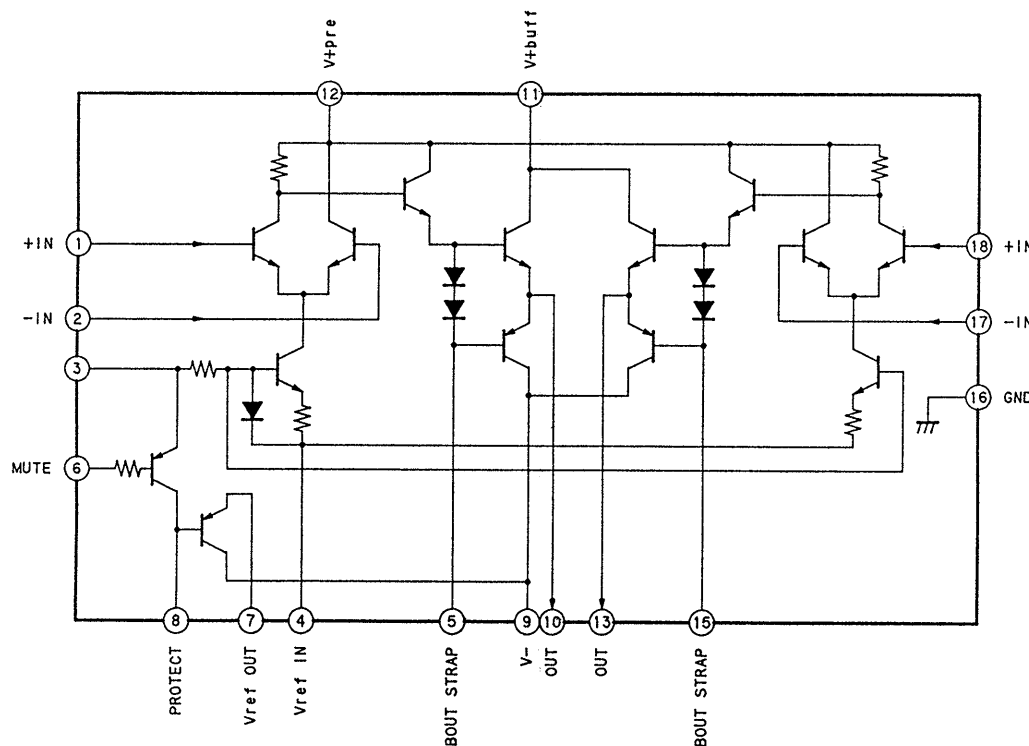
IC304 LB1639



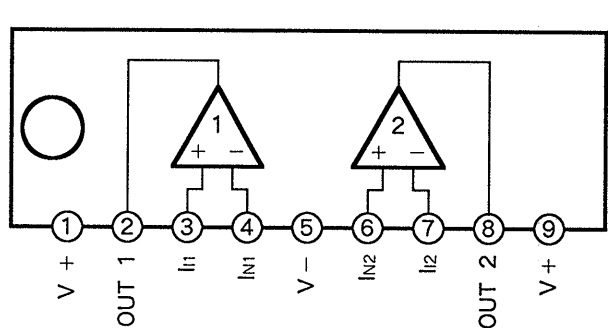
3-5. SCHEMATIC DIAGRAM -- TUNER SECTION -- • See page 18 for Note.



IC601 STR4162MK2 (AV370X/AV270X/AV23)
STK4192MK2 (AV570X)



IC401, IC501 μ PC4570HA



3-6. EXPLANATION OF IC301 (μ PD75206)

PIN No.	SIGNAL NAME	FUNCTION	I/O	ACTIVE
1	RESET	Micro Computer RESET	I	L
2	T0	FL tube indication (invalid) digit	O	H
3	T1	FL tube indication digit T1	O	H
4	T2	FL tube indication digit T2	O	H
5	T3	FL tube indication digit T3	O	H
6	T4	FL tube indication digit T4	O	H
7	T5	FL tube indication digit T5	O	H
8	T6	FL tube indication digit T6	O	H
9	T7	FL tube indication digit T7	O	H
10	T8	FL tube indication digit T8	O	H
11	T9	FL tube SIGNAL indication digit T9	O	H
12	T10/PH3	DBFB Output	O	H
13	T11/PH2	IF WIDE/NARROW Output	O	H
14	T12/PH1	Adapter Output	O	H
15	T13/PH0	-20dB Muting Output	O	H
16	T14/S11	FL tube indication Segment/Diode S11	O	H
17	T15/S10	FL tube indication Segment/Diode S10	O	H
18	V road	FL tube pulldown power supply	-	-
19	V pre	FL tube driver power supply	-	-
20	S9	FL tube indication Segment/Diode S9	O	H
21	S8	FL tube indication Segment/Key Scan S8	O	H
22	S7	FL tube indication Segment/Key Scan S7	O	H
23	S6	FL tube indication Segment/Key Scan S6	O	H
24	S5	FL tube indication Segment/Key Scan S5	O	H
25	S4	FL tube indication Segment/Key Scan S4	O	H
26	Vdd	Micro Computer power supply	-	-
27	S3	FL tube indication Segment/Key Scan S3	O	H
28	S2	FL tube indication Segment/Key Scan S2	O	H
29	S1	FL tube indication Segment/Key Scan S1	O	H
30	S0	FL tube indication Segment/Key Scan S0	O	H
31	P00/INT4	Signal to cut power supply STOP	I	L
32	P01/SCK	Serial latch for electrical adjustment use SI. LAT	I	L

PIN No.	SIGNAL NAME	FUNCTION	I/O	ACTIVE
33	P02/S0	Tuner Auto Stop input ASTP	I	L
34	P03/S1	Tuner Stereo input STEREO	I	L
35	P10/INT0	Remote Control Signal input SIRCS	I	L
36	P11/INT1	Protector input PROTECT	I	L
37	P12/INT2	System Power Key input PKEY	I	L
38	P13/TI0	Adapter Mechanical Switch input AKEY	I	H
39	P20	Surround output SURROUND	O	H
40	P21	Video Control A VCRA	O	H
41	P22	Video Control B VCRB	O	H
42	P23/BUZ	Video Inhibit VCRI	O	H
43	P30	Protector Muting PMUT	O	L
44	P31	Source Direct Output	O	H
45	P32	Standby LED Output STANBY	O	H
46	P33	Tuner Muting TMUTE	O	H
47	P60	PLL/7822 Latch PLAT	O	H
48	P61	PLL/7822/SI Data DATA	I/O	H
49	P62	PLL/7822/SI Clock CLOK	I/O	H
50	P63	IF WIDE/NARROW Display output	O	H
51	P40	Function Muting FMUTE	O	L
52	P41	Motor Volume UP VOL+	O	H
53	P42	Motor Volume DOWN VOL-	O	H
54	P43	Speaker Relay SP. RY	O	H
55	PP0	Power Relay POW. RY	O	H
56	X1	Ceramic Oscillator	-	-
57	X2	Ceramic Oscillator	-	-
58	Vss	Micro Computer GND	-	-
59	XT1	-	-	-
60	XT2	-	-	-
61	P50	P50 Key Scan Input	I	H
62	P51	P51 Key Scan Input	I	H
63	P52	P52 Key Scan Input	I	H
64	P53	P53 Key Scan Input	I	H

SECTION 4

EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some differences from the original one.

- Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) ... (RED)

↑ ↑
 Parts Color Cabinet's Color

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

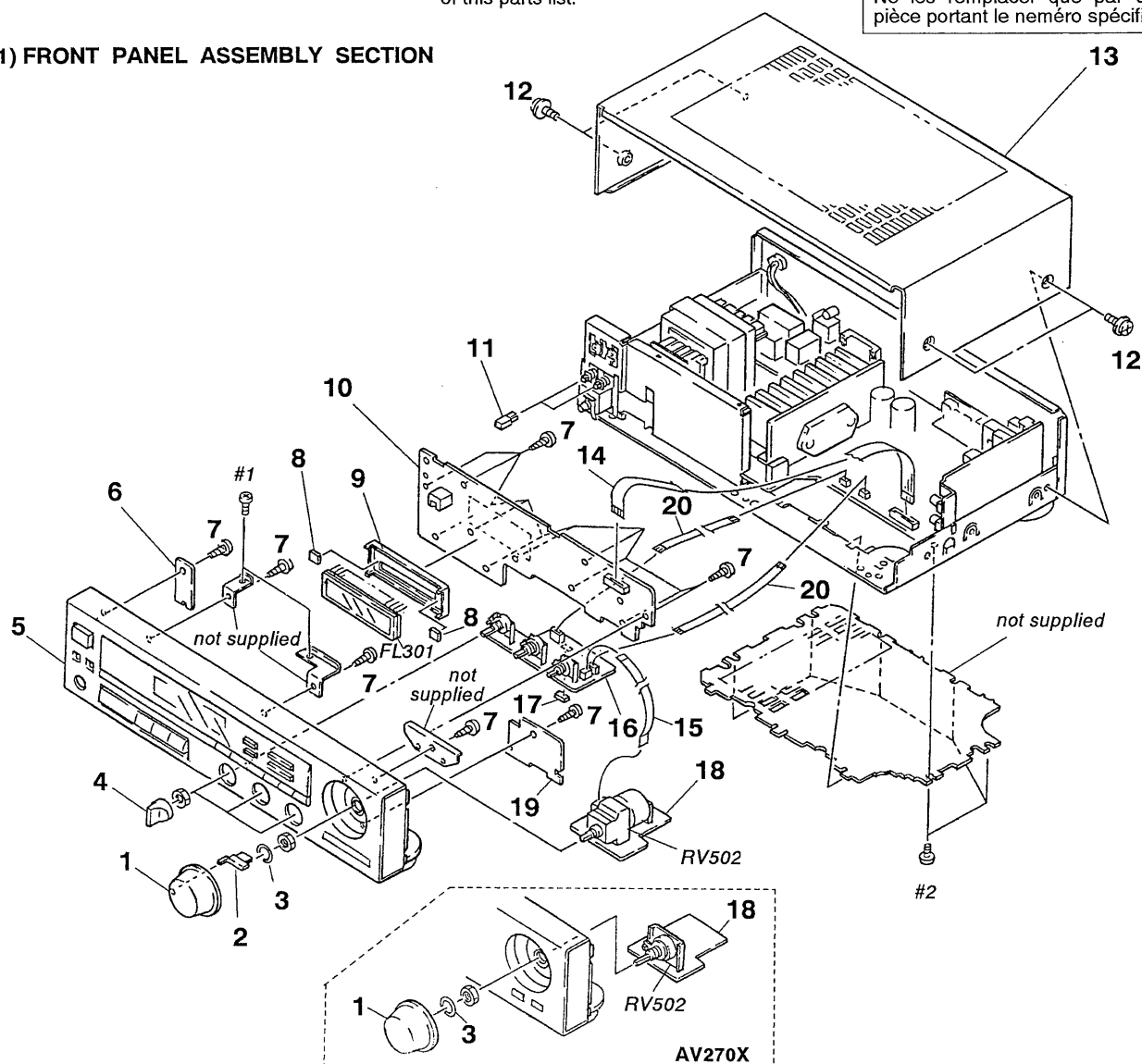
- The mechanical parts with no reference number in the exploded views are not supplied.

- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

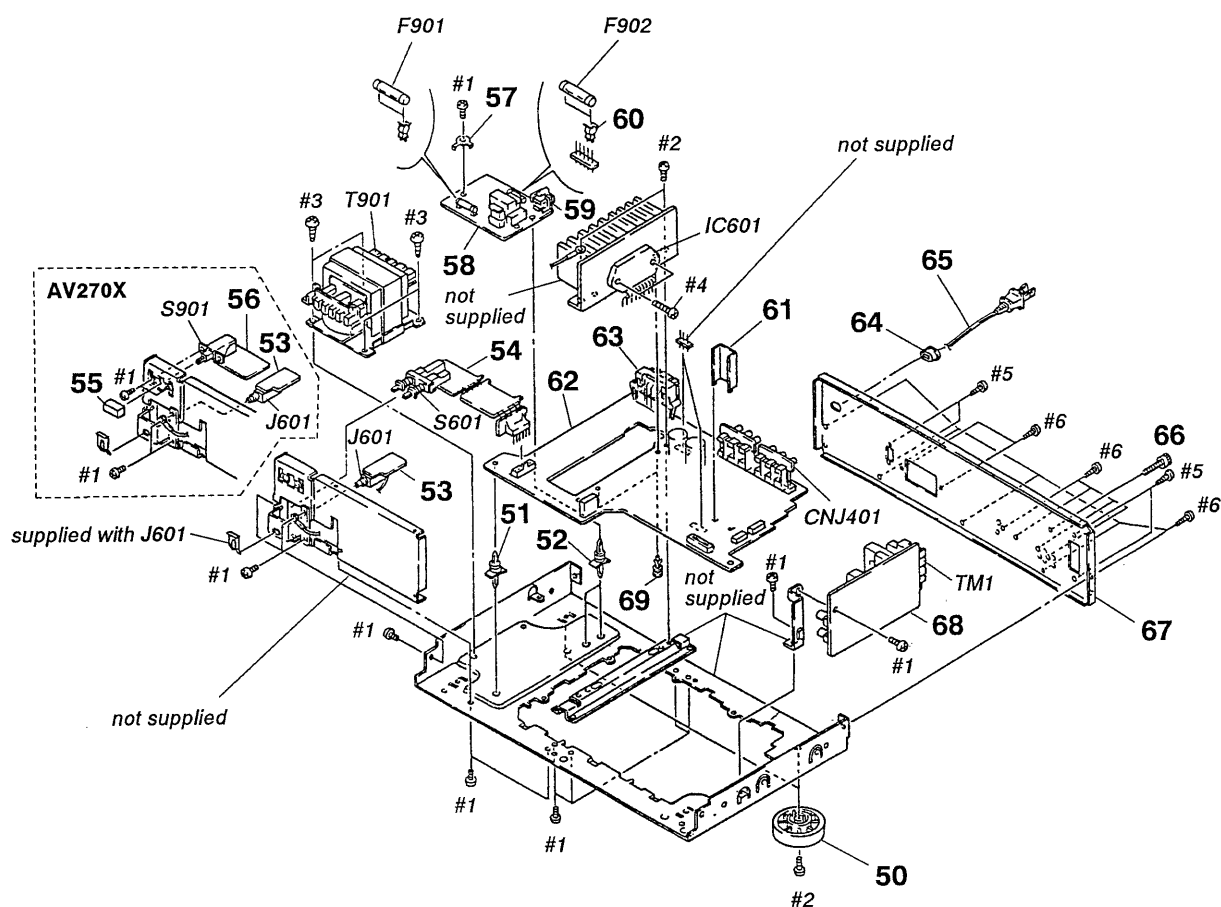
Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1) FRONT PANEL ASSEMBLY SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-943-091-11	KNOB (VOLUME) (AV270X)		10	* A-4341-720-A	DISPLAY BOARD, COMPLETE (AV270X)	
1	4-943-091-01	KNOB (VOLUME) (AV570X/AV370X/AV23)		10	* A-4341-729-A	DISPLAY BOARD, COMPLETE (AV570X/AV370X/AV23)	
2	4-943-092-01	PLATE (VOL), LIGHT GUIDE (AV570X/AV370X/AV23)		11	4-943-087-01	BUTTON (S)	
3	3-350-426-01	SPRING, RING		12	3-704-366-01	SCREW (CASE) (M3X8)	
4	4-916-745-11	KNOB (DIA. 21) (TONE)		13	4-943-088-11	CASE	
5	A-4323-871-A	PANEL ASSY, FRONT (AV570X)		14	* 1-590-499-11	WIRE, FLAT TYPE (23 CORE)	
5	A-4323-900-A	PANEL ASSY, FRONT (AV370X)		15	* 1-590-770-11	WIRE, FLAT TYPE (11 CORE)	
5	A-4323-869-A	PANEL ASSY, FRONT (AV270X)		16	* A-4341-733-A	TONE BOARD, COMPLETE	
5	A-4323-868-A	PANEL ASSY, FRONT (AV23)		17	9-911-842-XX	CUSHION (CD), RUBBER	
6	* 1-638-236-11	STAND BY BOARD (AV570X/AV370X/AV23)		18	* 1-638-950-11	VOLUME BOARD	
7	4-928-635-01	SCREW, +BV (2.6X8) TAPPING		19	* 1-638-239-11	MUTING BOARD	
8	* 4-921-941-01	CUSHION (FL)		20	* 1-590-769-11	WIRE, FLAT TYPE (7 CORE)	
9	* 4-943-107-01	HOLDER (FL TUBE)					

(2) CHASSIS SECTION



Ref.No.	Part No.	Description	Remark
50	3-318-688-51	FOOT (F58175S)	
51	* 4-924-098-11	HOLDER, PC BOARD	
52	* 4-924-098-31	HOLDER, PC BOARD	
53	* 1-638-949-11	HP BOARD	
54	* 1-638-234-11	SPEAKER SWITCH BOARD	
55	4-917-460-01	KNOB, POWER (AV270X)	
56	* 1-638-237-11	AC SWITCH BOARD (AV270X)	
57	* 4-942-204-11	PLATE, CROUND	
58	* 1-638-235-11	POWER BOARD	
59	△ 1-540-057-11	OUTLET, AC (POLAR)	
60	1-533-217-31	HOLDER, FUSE	
61	* 4-880-403-11	HEAT SINK	
62	* A-4341-726-A	MAIN BOARD, COMPLETE (AV570X)	
62	* A-4341-718-A	MAIN BOARD, COMPLETE (AV270X)	
62	* A-4345-248-A	MAIN BOARD, COMPLETE (AV370X/AV23)	

Ref.No.	Part No.	Description	Remark
63	1-537-341-11	TERMINAL BOARD, (8P) (SPEAKER)	
64	* 3-703-244-00	BUSHING (2104), CORD	
65	△ 1-551-478-00	CORD, POWER	
66	3-706-165-00	SCREW	
67	* 4-943-098-01	PANEL, BACK (AV570X)	
67	* 4-943-109-01	PANEL, BACK (AV270X)	
67	* 4-943-109-31	PANEL, BACK (AV23)	
67	* 4-943-109-41	PANEL, BACK (AV370X)	
68	* A-4341-739-A	TUNER BOARD, COMPLETE	
69	* 3-698-359-01	RIVET (DIA 3.5), NYLON	
F901	△ 1-576-107-11	FUSE GLASS TUBE (3.15A 125V)	
F902	△ 1-576-109-11	FUSE GLASS TUBE (5A 125V)	
T901	△ 1-450-365-11	TRANSFORMER, POWER (AV370X/AV270X/AV23)	
T901	△ 1-450-362-11	TRANSFORMER, POWER (AV570X)	

Note:

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 5

ELECTRICAL PARTS LIST

AC SWITCH

DISPLAY

POWER

STAND BY

VOLUME

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some differences from the original one.
- **RESISTORS**
All resistors are in ohms.
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- **SEMICONDUCTORS**
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA...,
uPB...: μ PB..., uPC...: μ PC...,
uPD...: μ PD...
- **CAPACITORS**
uF: μ F
- **COILS**
uH: μ H

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

When including parts by reference number, please include the board name.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	* 1-638-237-11	AC SWITCH BOARD (AV270X) *****		C308	1-125-486-11	DUBLE LAYERS 0.22F	5.5V
		< CAPACITOR >		C309	1-124-261-00	ELECT 10uF	20% 50V
C901	Δ 1-161-744-00	CERAMIC 0.01uF	400V (AV270X)	C310	1-162-306-11	CERAMIC 0.01uF	20% 16V
		< SWITCH >		C311	1-162-306-11	CERAMIC 0.01uF	20% 16V
S901	Δ 1-572-267-21	SWITCH, PUSH (AC POWER) (1 KEY) (POWER) (AV270X)		C517	1-124-464-11	ELECT 0.22uF	20% 50V (AV570X/AV370X/AV23)
*****				C518	1-124-464-11	ELECT 0.22uF	20% 50V (AV570X/AV370X/AV23)
	* A-4341-720-A	DISPLAY BOARD, COMPLETE *****		C630	1-162-306-11	CERAMIC 0.01uF	20% 16V
	* 1-638-235-11	POWER BOARD *****		C901	1-161-744-00	CERAMIC 0.01uF	400V
	* 1-638-236-11	STAND BY BOARD *****		< CONNECTOR >			
	* 1-638-950-11	VOLUME BOARD *****		CNJ306	* 1-568-937-11	PIN, CONNECTOR 10P	
	1-533-217-31	HOLDER, FUSE		CNJ901	Δ 1-540-057-11	OUTLET, AC (POLAR)	
	1-533-217-31	HOLDER, FUSE		CNP904	* 1-560-062-00	PIN, CONNECTOR 4P (AV570X/AV370X/AV23)	
	* 1-535-140-00	BASE POST 22MM (10MM PITCH) 3P		CNS301	* 1-568-865-11	SOCKET, CONNECTOR 23P	
	1-535-416-00	TERMINAL		CNS302	* 1-568-951-11	PIN, CONNECTOR 2P (AV570X/AV370X/AV23)	
	* 1-568-830-11	SOCKET, CONNECTOR 11P		< DIODE >			
	* 4-921-941-01	CUSHION (FL)		D301	8-719-987-63	DIODE 1N4148M	
	* 4-942-204-01	PLATE, GROUND		D302	8-719-987-63	DIODE 1N4148M	
	* 4-943-107-01	HOLDER (FL TUBE)		D303	8-719-987-63	DIODE 1N4148M	
		< CAPACITOR >		D304	8-719-987-63	DIODE 1N4148M	
C301	1-162-306-11	CERAMIC 0.01uF	20% 16V	D305	8-719-987-63	DIODE 1N4148M	
C303	1-162-306-11	CERAMIC 0.01uF	20% 16V	D306	8-719-987-63	DIODE 1N4148M	
C304	1-162-306-11	CERAMIC 0.01uF	20% 16V	D307	8-719-987-63	DIODE 1N4148M	
C306	1-124-261-00	ELECT 10uF	20% 50V	D308	8-719-987-63	DIODE 1N4148M	
C307	1-162-306-11	CERAMIC 0.01uF	20% 16V	D309	8-719-987-63	DIODE 1N4148M	
				D311	8-719-987-63	DIODE 1N4148M	
				D312	8-719-987-63	DIODE 1N4148M	
				D313	8-719-985-53	DIODE HZS4ALL	
				D314	8-719-987-63	DIODE 1N4148M	
				D315	8-719-987-63	DIODE 1N4148M	

DISPLAY

POWER

STAND BY

VOLUME

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D323	8-719-987-63	DIODE 1N4148M		R337	1-249-437-11	CARBON 47K 5% 1/4W	
D324	8-719-987-63	DIODE 1N4148M		R338	1-249-437-11	CARBON 47K 5% 1/4W	
D325	8-719-987-63	DIODE 1N4148M		R347	1-249-437-11	CARBON 47K 5% 1/4W	
D326	8-719-987-63	DIODE 1N4148M		R348	1-249-437-11	CARBON 47K 5% 1/4W	
D327	8-719-987-63	DIODE 1N4148M		R349	1-249-437-11	CARBON 47K 5% 1/4W	
D803	8-719-987-63	DIODE 1N4148M					
< FULORESCENT INDICATOR TUBE >				R350	1-249-437-11	CARBON 47K 5% 1/4W	
FL301	1-519-509-11	INDICATOR TUBE, FLUORESCENT		R351	1-249-437-11	CARBON 47K 5% 1/4W	
< IC >				R352	1-249-437-11	CARBON 47K 5% 1/4W	
IC301	8-759-154-23	IC uPD75206G-557-1B		R353	1-249-437-11	CARBON 47K 5% 1/4W	
IC302	8-749-920-83	IC GP1U52XB (AV570X/AV370X/AV23)		R354	1-249-437-11	CARBON 47K 5% 1/4W	
IC304	8-759-820-62	IC LB1639 (AV570X/AV370X/AV23)					
< COIL >				R355	1-249-437-11	CARBON 47K 5% 1/4W	
L301	1-410-521-11	INDUCTOR 100uH		R356	1-249-401-11	CARBON 47 5% 1/4W	
< TRANSFORMER >				R901	1-202-725-00	SOLID 3.3M 10% 1/2W	
PT902	1-450-361-11	TRANSFORMER, POWER (AV570X/AV370X/AV23)		< RESISTOR ARRAY >			
< TRANSISTOR >				RB301	1-233-081-11	COMPOSITION CIRCUIT BLOCK	
Q305	8-729-119-76	TRANSISTOR 2SA1175-HFE		< VARIABLE RESISTOR >			
Q306	8-729-119-76	TRANSISTOR 2SA1175-HFE		RV502	1-241-405-11	RES. VAR. CARBON 100K/100K (VOLUME)	
		(AV570X/AV370X/AV23)				(AV570X/AV370X/AV23)	
Q307	8-729-119-76	TRANSISTOR 2SA1175-HFE		RV502	1-241-408-11	RES. VAR. CARBON 100K/100K	
< RESISTOR >						(VOLUME) (AV270X)	
R301	1-249-411-11	CARBON 330 5% 1/4W		< RELAY >			
R302	1-249-411-11	CARBON 330 5% 1/4W		RY901	1-515-720-11	RELAY (AV570X/AV370X/AV23)	
R303	1-249-411-11	CARBON 330 5% 1/4W		< SWITCH >			
R304	1-249-411-11	CARBON 330 5% 1/4W		S301	1-554-303-21	SWITCH, TACTILE (DIRECT)	
R305	1-249-429-11	CARBON 10K 5% 1/4W		S302	1-554-303-21	SWITCH, TACTILE (CH -)	
R306	1-249-429-11	CARBON 10K 5% 1/4W		S303	1-554-303-21	SWITCH, TACTILE (TUNING -)	
R307	1-249-429-11	CARBON 10K 5% 1/4W		S304	1-554-303-21	SWITCH, TACTILE (FM)	
R308	1-249-429-11	CARBON 10K 5% 1/4W		S305	1-554-303-21	SWITCH, TACTILE (FM MODE)	
R311	1-249-429-11	CARBON 10K 5% 1/4W		S306	1-554-303-21	SWITCH, TACTILE (CH +)	
R312	1-249-431-11	CARBON 15K 5% 1/4W		S307	1-554-303-21	SWITCH, TACTILE (TUNING +)	
R313	1-249-417-11	CARBON 1K 5% 1/4W		S308	1-554-303-21	SWITCH, TACTILE (AM)	
R314	1-249-441-11	CARBON 100K 5% 1/4W		S310	1-554-303-21	SWITCH, TACTILE (TAPE)	
R315	1-249-437-11	CARBON 47K 5% 1/4W		S311	1-554-303-21	SWITCH, TACTILE (VIDEO)	
R316	1-249-441-11	CARBON 100K 5% 1/4W		S312	1-554-303-21	SWITCH, TACTILE (PHONO)	
R325	1-249-441-11	CARBON 100K 5% 1/4W		S313	1-554-303-21	SWITCH, TACTILE (TUNER)	
R331	1-249-437-11	CARBON 47K 5% 1/4W (AV270X)		S314	1-554-303-21	SWITCH, TACTILE (CD)	
R332	1-249-437-11	CARBON 47K 5% 1/4W (AV270X)		S315	1-554-303-21	SWITCH, TACTILE (7)	
R333	1-249-437-11	CARBON 47K 5% 1/4W (AV270X)		S316	1-554-303-21	SWITCH, TACTILE (8)	
R334	1-249-437-11	CARBON 47K 5% 1/4W (AV270X)		S317	1-554-303-21	SWITCH, TACTILE (9)	
R335	1-249-437-11	CARBON 47K 5% 1/4W (AV270X)		S318	1-554-303-21	SWITCH, TACTILE (MEMORY)	
				S319	1-554-303-21	SWITCH, TACTILE (4)	
				S320	1-554-303-21	SWITCH, TACTILE (5)	
				S321	1-554-303-21	SWITCH, TACTILE (6)	
				S322	1-554-303-21	SWITCH, TACTILE (0)	

DISPLAY

POWER

STAND BY

VOLUME

MAIN

TONE

SPEAKER SWITCH

MUTING

HP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
S323	1-554-303-21	SWITCH, TACTILE (1)		C418	1-124-478-11	ELECT 100uF 20% 25V	
S324	1-554-303-21	SWITCH, TACTILE (2)		C419	1-124-478-11	ELECT 100uF 20% 25V	
S325	1-554-303-21	SWITCH, TACTILE (3)		C420	1-124-927-11	ELECT 4.7uF 20% 100V	
S326	1-554-303-21	SWITCH, TACTILE (SHIFT)		C421	1-124-927-11	ELECT 4.7uF 20% 100V	
S330	1-554-303-21	SWITCH, TACTILE (POWER)		C451	1-162-282-31	CERAMIC 100PF 10% 50V	
		(AV570X/AV370X/AV23)					
< VARISTOR >				C452	1-123-382-00	ELECT 3.3uF 20% 100V	
VZ901	1-807-293-31	VARISTOR SNR-14A221U		C453	1-162-282-31	CERAMIC 100PF 10% 50V	
< CERAMIC >				C454	1-162-282-31	CERAMIC 100PF 10% 50V	
X301	1-577-101-11	VIBRATOR, CERAMIC (4.19MHz)		C455	1-124-034-51	ELECT 33uF 20% 16V	
*****				C456	1-130-480-00	MYLAR 0.0056uF 5% 50V	
* A-4341-726-A MAIN BOARD, COMPLETE				C457	1-130-473-00	MYLAR 0.0015uF 5% 50V	
*****				C458	1-123-382-00	ELECT 3.3uF 20% 100V	
* A-4341-733-A TONE BOARD, COMPLETE				C501	1-130-489-00	MYLAR 0.033uF 5% 50V	
*****				C502	1-124-250-00	ELECT 0.15uF 20% 50V	
* 1-638-234-11 SPEAKER SWITCH BOARD				C503	1-130-481-00	MYLAR 0.0068uF 5% 50V	
*****				C504	1-130-489-00	MYLAR 0.033uF 5% 50V	
* 1-638-239-11 MUTING BOARD				C505	1-126-163-11	ELECT 4.7uF 20% 50V	
*****				C506	1-124-925-11	ELECT 2.2uF 20% 100V	
* 1-638-949-11 HP BOARD				C507	1-101-880-00	CERAMIC 47PF 5% 50V	
*****				C509	1-124-903-11	ELECT 1uF 20% 50V	
* 1-568-826-11 SOCKET, CONNECTOR 7P				C510	1-130-489-00	MYLAR 0.033uF 5% 50V	
* 1-568-826-11 SOCKET, CONNECTOR 7P				C512	1-124-464-11	ELECT 0.22uF 20% 50V	
* 1-568-830-11 SOCKET, CONNECTOR 11P				C513	1-124-464-11	ELECT 0.22uF 20% 50V	
* 3-698-359-01 RIVET (DIA. 3.5), NYLON				C514	1-136-163-00	MYLAR 0.068uF 10% 50V	
* 4-880-403-31 HEAT SINK				C515	1-102-106-00	CERAMIC 100PF 10% 50V	
7-685-650-79 SCREW +BVTP 3X16 TYPE2 IT-3				C551	1-130-489-00	MYLAR 0.033uF 5% 50V	
7-682-548-04 SCREW +BVTT 3X8 (S)				C552	1-124-250-00	ELECT 0.15uF 20% 50V	
< CAPACITOR >				C553	1-130-481-00	MYLAR 0.0068uF 5% 50V	
C091	1-164-089-11	CERAMIC 0.0022uF 50V		C554	1-130-489-00	MYLAR 0.033uF 5% 50V	
C092	1-164-089-11	CERAMIC 0.0022uF 50V		C555	1-126-163-11	ELECT 4.7uF 20% 50V	
C401	1-162-282-31	CERAMIC 100PF 10% 50V		C556	1-124-925-11	ELECT 2.2uF 20% 100V	
C402	1-123-382-00	ELECT 3.3uF 20% 100V		C557	1-101-880-00	CERAMIC 47PF 5% 50V	
C403	1-162-282-31	CERAMIC 100PF 10% 50V		C559	1-124-903-11	ELECT 1uF 20% 50V	
C404	1-162-282-31	CERAMIC 100PF 10% 50V		C560	1-130-489-00	MYLAR 0.033uF 5% 50V	
C405	1-124-034-51	ELECT 33uF 20% 16V		C565	1-102-106-00	CERAMIC 100PF 10% 50V	
C406	1-130-480-00	MYLAR 0.0056uF 5% 50V		C601	1-162-286-31	CERAMIC 220PF 10% 50V	
C407	1-130-473-00	MYLAR 0.0015uF 5% 50V		C602	1-124-927-11	ELECT 4.7uF 20% 100V	
C408	1-123-382-00	ELECT 3.3uF 20% 100V		C603	1-162-288-31	CERAMIC 330PF 10% 50V	
C409	1-124-477-11	ELECT 47uF 20% 25V		C604	1-124-122-11	ELECT 100uF 20% 50V	
C410	1-124-477-11	ELECT 47uF 20% 25V		C605	1-124-910-11	ELECT 47uF 20% 50V	
C411	1-162-294-31	CERAMIC 0.001uF 10% 50V		C606	1-124-120-11	ELECT 220uF 20% 25V	
C412	1-162-282-31	CERAMIC 100PF 10% 50V		C607	1-162-193-31	CERAMIC 3.3PF 10% 50V	
C417	1-124-478-11	ELECT 100uF 20% 25V		C608	1-124-907-11	ELECT 10uF 20% 50V	
				C621	1-130-495-00	MYLAR 0.1uF 5% 50V	
				C622	1-130-495-00	MYLAR 0.1uF 5% 50V	
				C623	1-124-907-11	ELECT 10uF 20% 50V	
				C624	1-124-472-11	ELECT 470uF 20% 10V	
				C625	1-130-495-00	MYLAR 0.1uF 5% 50V	
				C651	1-162-286-31	CERAMIC 220PF 10% 50V	

MAIN

TONE

SPEAKER SWITCH

MUTING

HP

Ref. No.	Part No.	Description	Remark
C652	1-124-927-11	ELECT 4.7uF 20%	100V
C653	1-162-288-31	CERAMIC 330PF 10%	50V
C654	1-124-122-11	ELECT 100uF 20%	50V
C655	1-124-910-11	ELECT 47uF 20%	50V
C656	1-124-120-11	ELECT 220uF 20%	25V
C657	1-162-193-31	CERAMIC 3.3PF 10%	50V
C658	1-124-907-11	ELECT 10uF 20%	50V
C671	1-130-495-00	MYLAR 0.1uF 5%	50V
C672	1-130-495-00	MYLAR 0.1uF 5%	50V
C675	1-130-495-00	MYLAR 0.1uF 5%	50V
C701	1-106-367-00	MYLAR 0.01uF 5%	200V
C702	1-106-367-00	MYLAR 0.01uF 5%	200V
C704	1-124-478-11	ELECT 100uF 20%	25V
C705	1-124-477-11	ELECT 47uF 20%	25V
C706	1-101-005-00	CERAMIC 22000PF	50V
C708	1-124-927-11	ELECT 4.7uF 20%	100V
C710	1-124-910-11	ELECT 47uF 20%	50V
C711	1-124-910-11	ELECT 47uF 20%	50V
C712	1-124-907-11	ELECT 10uF 20%	50V
C713	1-124-477-11	ELECT 47uF 20%	25V
C714	1-124-477-11	ELECT 47uF 20%	25V
C716	1-124-464-11	ELECT 0.22uF 20%	50V
C717	1-124-902-00	ELECT 0.47uF 20%	50V
C718	1-124-903-11	ELECT 1uF 20%	50V
C719	1-101-005-00	CERAMIC 22000PF	50V
C801	1-125-614-11	ELECT 6800uF 20%	50V
C802	1-125-614-11	ELECT 6800uF 20%	50V
C803	1-101-005-00	CERAMIC 22000PF	50V (AV570X/AV370X/AV23)
C804	1-101-005-00	CERAMIC 22000PF	50V (AV570X/AV370X/AV23)
C805	1-124-557-11	ELECT 1000uF 20%	25V (AV570X/AV370X/AV23)
C806	1-101-005-00	CERAMIC 22000PF	50V (AV570X/AV370X/AV23)
C810	1-124-903-11	ELECT 1uF 20%	50V

< CONNECTOR >

CNJ401 * 1-580-835-11 JACK, PIN 6P
 CNJ402 * 1-580-835-11 JACK, PIN 6P
 CNJ610 * 1-569-507-11 PIN, CONNECTOR 12P

CNP503 * 1-564-507-11 PLUG, CONNECTOR 4P (AV570X/AV370X/AV23)
 CNP504 * 1-535-116-00 TERMINAL
 CNP505 * 1-580-804-11 PIN, CONNECTOR 10P
 CNP506 * 1-564-903-11 PIN, CONNECTOR (L TYPE) 7P
 CNP507 * 1-569-498-11 SOCKET, CONNECTOR 12P
 CNP508 * 1-568-952-11 PIN, CONNECTOR 3P

CNS501 * 1-568-839-11 SOCKET, CONNECTOR 23P

Ref. No.	Part No.	Description	Remark
		< DIODE >	
D317	8-719-313-50	DIODE SEL2810A-C (MUTING) (AV570X/AV370X/AV23)	
D318	8-719-313-50	DIODE SEL2810A-C (SURROUND)	
D319	8-719-313-50	DIODE SEL2810A-C (DBFB)	
D401	8-719-987-63	DIODE 1N4148M	
D402	8-719-987-63	DIODE 1N4148M	
D403	8-719-987-63	DIODE 1N4148M	
D502	8-719-987-63	DIODE 1N4148M	
D601	8-719-987-63	DIODE 1N4148M	
D602	8-719-987-63	DIODE 1N4148M	
D603	8-719-987-63	DIODE 1N4148M	
D604	8-719-987-63	DIODE 1N4148M	
D605	8-719-987-63	DIODE 1N4148M	
D651	8-719-987-63	DIODE 1N4148M	
D702	8-719-010-86	DIODE UZ-16BSB	
D703	8-719-010-29	DIODE UZ-4.3BSB	
D704	8-719-110-67	DIODE UZ-27ESB2	
D705	8-719-010-82	DIODE UZ-15BSB	
D706	8-719-010-47	DIODE UZ-6.2BSB	
D707	8-719-933-41	DIODE HZS6C3L	
D708	8-719-985-53	DIODE HZS4ALL	
D709	8-719-987-63	DIODE 1N4148M	
D801	8-719-312-09	DIODE RBA-402	
D803	8-719-987-63	DIODE 1N4148M (AV570X/AV370X/AV23)	
D814	8-719-200-82	DIODE 11ES2 (AV570X/AV370X/AV23)	
D815	8-719-200-82	DIODE 11ES2 (AV570X/AV370X/AV23)	
D816	8-719-200-82	DIODE 11ES2 (AV570X/AV370X/AV23)	
D817	8-719-200-82	DIODE 11ES2 (AV570X/AV370X/AV23)	
D818	8-719-987-63	DIODE 1N4148M	
D819	8-719-987-63	DIODE 1N4148M	
		< IC >	
IC401	8-759-112-93	IC uPC4570HA-1	
IC402	8-759-805-14	IC LC7822	
IC501	8-759-112-93	IC uPC4570HA-1	
IC601	8-749-900-24	IC STK4162MK2 (AV370X/AV270X/AV23)	
IC601	8-749-900-78	IC STK4192MK2 (AV570X)	

< JACK >

J601 1-568-151-11 JACK (LARGE TYPE) (HEADPHONES)

< COIL >

L601 * 1-420-872-00 COIL, AIR CORE
 L651 * 1-420-872-00 COIL, AIR CORE

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN

TONE

SPEAKER SWITCH

MUTING

HP

Ref. No.	Part No.	Description	Remark
< TRANSISTOR >			
Q302	8-729-900-36	TRANSISTOR DTC124ES (AV570X/AV370X/AV23)	
Q303	8-729-900-36	TRANSISTOR DTC124ES	
Q304	8-729-900-36	TRANSISTOR DTC124ES	
Q401	8-729-141-30	TRANSISTOR 2SC3623A-LK (AV570X/AV370X/AV23)	
Q402	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q403	8-729-900-63	TRANSISTOR DTA124ES	
Q451	8-729-141-30	TRANSISTOR 2SC3623A-LK (AV570X/AV370X/AV23)	
Q452	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q501	8-729-202-67	TRANSISTOR 2SK246-GR3	
Q502	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q504	8-729-202-67	TRANSISTOR 2SK246-GR3	
Q505	8-729-900-36	TRANSISTOR DTC124ES	
Q506	8-729-900-63	TRANSISTOR DTA124ES	
Q551	8-729-202-67	TRANSISTOR 2SK246-GR3	
Q552	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q601	8-729-108-14	TRANSISTOR 2SA988-FA	
Q602	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q603	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q604	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q605	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q651	8-729-108-14	TRANSISTOR 2SA988-FA	
Q701	8-729-209-15	TRANSISTOR 2SD2012	
Q702	8-729-140-97	TRANSISTOR 2SB734-34	
Q703	8-729-180-92	TRANSISTOR 2SD809-K	
Q704	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q705	8-729-900-	TRANSISTOR DTC124ES	
Q706	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q707	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q708	8-729-900-36	TRANSISTOR DTC124ES	
Q709	8-729-904-39	TRANSISTOR DTC114TS (AV570X/AV370X/AV23)	
Q801	8-729-620-05	TRANSISTOR 2SC2603-EF (AV570X/AV370X/AV23)	
< RESISTOR >			
R322	1-249-410-11	CARBON 270 5% 1/4W	
R323	1-249-410-11	CARBON 270 5% 1/4W (AV570X/AV370X/AV23)	
R324	1-249-410-11	CARBON 270 5% 1/4W	
R357	1-249-429-11	CARBON 10K 5% 1/4W	
R358	1-249-429-11	CARBON 10K 5% 1/4W (AV570X/AV370X/AV23)	
R359	1-249-429-11	CARBON 10K 5% 1/4W	
R401	1-249-411-11	CARBON 330 5% 1/4W	

Ref. No.	Part No.	Description	Remark
R402	1-249-417-11	CARBON 1K 5% 1/4W	
R403	1-249-417-11	CARBON 1K 5% 1/4W	
R404	1-249-425-11	CARBON 4.7K 5% 1/4W	
R405	1-249-417-11	CARBON 1K 5% 1/4W	
R406	1-249-425-11	CARBON 4.7K 5% 1/4W	
R407	1-247-897-11	CARBON 560K 5% 1/4W	
R408	1-247-897-11	CARBON 560K 5% 1/4W	
R409	1-249-437-11	CARBON 47K 5% 1/4W	
R410	1-247-897-11	CARBON 560K 5% 1/4W	
R411	1-249-416-11	CARBON 820 5% 1/4W	
R412	1-247-897-11	CARBON 560K 5% 1/4W	
R413	1-249-437-11	CARBON 47K 5% 1/4W	
R414	1-247-897-11	CARBON 560K 5% 1/4W	
R415	1-249-417-11	CARBON 1K 5% 1/4W	
R416	1-249-411-11	CARBON 330 5% 1/4W	
R417	1-249-411-11	CARBON 330 5% 1/4W	
R418	1-249-425-11	CARBON 4.7K 5% 1/4W	
R419	1-247-838-00	CARBON 2K 5% 1/4W	
R420	1-249-409-11	CARBON 220 5% 1/4W (AV570X/AV370X/AV23)	
R421	1-249-429-11	CARBON 10K 5% 1/4W	
R422	1-249-425-11	CARBON 4.7K 5% 1/4W	
R423	1-249-437-11	CARBON 47K 5% 1/4W	
R424	1-249-434-11	CARBON 27K 5% 1/4W	
R425	1-249-441-11	CARBON 100K 5% 1/4W	
R426	1-249-405-11	CARBON 100 5% 1/4W	
R427	1-249-437-11	CARBON 47K 5% 1/4W	
R428	1-249-441-11	CARBON 100K 5% 1/4W	
R451	1-249-411-11	CARBON 330 5% 1/4W	
R452	1-249-417-11	CARBON 1K 5% 1/4W	
R453	1-249-417-11	CARBON 1K 5% 1/4W	
R454	1-249-425-11	CARBON 4.7K 5% 1/4W	
R455	1-249-417-11	CARBON 1K 5% 1/4W	
R456	1-249-425-11	CARBON 4.7K 5% 1/4W	
R457	1-247-897-11	CARBON 560K 5% 1/4W	
R458	1-247-897-11	CARBON 560K 5% 1/4W	
R459	1-249-437-11	CARBON 47K 5% 1/4W	
R460	1-247-897-11	CARBON 560K 5% 1/4W	
R461	1-249-416-11	CARBON 820 5% 1/4W	
R462	1-247-897-11	CARBON 560K 5% 1/4W	
R463	1-249-437-11	CARBON 47K 5% 1/4W	
R464	1-247-897-11	CARBON 560K 5% 1/4W	
R465	1-249-417-11	CARBON 1K 5% 1/4W	
R469	1-247-838-00	CARBON 2K 5% 1/4W	
R470	1-249-409-11	CARBON 220 5% 1/4W (AV570X/AV370X/AV23)	
R501	1-249-429-11	CARBON 10K 5% 1/4W	
R502	1-249-421-11	CARBON 2.2K 5% 1/4W	
R503	1-249-441-11	CARBON 100K 5% 1/4W	

MAIN

TONE

SPEAKER SWITCH

MUTING

HP

Ref. No.	Part No.	Description	Remark		
R504	1-249-427-11	CARBON	6.8K	5%	1/4W
R505	1-249-438-11	CARBON	56K	5%	1/4W
R506	1-249-441-11	CARBON	100K	5%	1/4W
R507	1-247-883-00	CARBON	150K	5%	1/4W
R508	1-249-417-11	CARBON	1K	5%	1/4W
R509	1-249-412-11	CARBON	390	5%	1/4W
R510	1-249-427-11	CARBON	6.8K	5%	1/4W
R518	1-249-441-11	CARBON	100K	5%	1/4W
R519	1-249-441-11	CARBON	100K	5%	1/4W
R520	1-247-903-00	CARBON	1M	5%	1/4W
R521	1-249-427-11	CARBON	6.8K	5%	1/4W
R522	1-247-903-00	CARBON	1M	5%	1/4W
R551	1-249-429-11	CARBON	10K	5%	1/4W
R552	1-249-421-11	CARBON	2.2K	5%	1/4W
R553	1-249-441-11	CARBON	100K	5%	1/4W
R554	1-249-427-11	CARBON	6.8K	5%	1/4W
R555	1-249-438-11	CARBON	56K	5%	1/4W
R556	1-249-441-11	CARBON	100K	5%	1/4W
R557	1-247-883-00	CARBON	150K	5%	1/4W
R558	1-249-417-11	CARBON	1K	5%	1/4W
R559	1-249-412-11	CARBON	390	5%	1/4W
R560	1-249-427-11	CARBON	6.8K	5%	1/4W
R601	1-249-417-11	CARBON	1K	5%	1/4W
R602	1-249-438-11	CARBON	56K	5%	1/4W
R603	1-249-413-11	CARBON	470	5%	1/4W
R604	1-249-423-11	CARBON	3.3K	5%	1/4W
R605	1-249-438-11	CARBON	56K	5%	1/4W
R606	△ 1-249-420-11	CARBON	1.8K	5%	1/4W F
R607	1-217-151-00	RES. METAL PLATE 0.22			
R608	1-249-417-11	CARBON	1K	5%	1/4W
R612	△ 1-249-405-11	CARBON	100	5%	1/4W F
R615	△ 1-249-405-11	CARBON	100	5%	1/4W F
R621	1-249-427-11	CARBON	6.8K	5%	1/4W
R622	1-249-435-11	CARBON	33K	5%	1/4W
R623	1-249-433-11	CARBON	22K	5%	1/4W
R624	△ 1-249-390-11	CARBON	5.6	5%	1/4W F
R625	1-247-768-00	CARBON	2.4	5%	1/4W
R626	1-249-441-11	CARBON	100K	5%	1/4W
R627	1-249-435-11	CARBON	33K	5%	1/4W
R628	1-249-427-11	CARBON	6.8K	5%	1/4W
R629	△ 1-249-399-11	CARBON	33	5%	1/4W F
R630	1-249-417-11	CARBON	1K	5%	1/4W
R631	1-249-429-11	CARBON	10K	5%	1/4W
R632	1-249-441-11	CARBON	100K	5%	1/4W
R634	1-249-427-11	CARBON	6.8K	5%	1/4W
R635	1-249-441-11	CARBON	100K	5%	1/4W
R636	1-247-903-00	CARBON	1M	5%	1/4W
R637	△ 1-216-432-00	METAL OXIDE	820	5%	1W F
R638	△ 1-216-454-11	METAL OXIDE	390	5%	2W F

Ref. No.	Part No.	Description	Remark		
R639	1-247-768-00	CARBON	2.4	5%	1/4W
R640	△ 1-249-419-11	CARBON	1.5K	5%	1/4W F
R641	△ 1-249-390-11	CARBON	5.6	5%	1/4W F
R651	1-249-417-11	CARBON	1K	5%	1/4W
R652	1-249-438-11	CARBON	56K	5%	1/4W
R653	1-249-413-11	CARBON	470	5%	1/4W
R654	1-249-423-11	CARBON	3.3K	5%	1/4W
R655	1-249-438-11	CARBON	56K	5%	1/4W
R656	△ 1-249-420-11	CARBON	1.8K	5%	1/4W F
R657	1-217-151-00	RES. METAL PLATE 0.22			
R658A	1-249-417-11	CARBON	1K	5%	1/4W
R658B	△ 1-216-454-11	METAL OXIDE	390	5%	2W F
R671	1-249-427-11	CARBON	6.8K	5%	1/4W
R672	1-249-435-11	CARBON	33K	5%	1/4W
R673	1-249-433-11	CARBON	22K	5%	1/4W
R674	△ 1-249-390-11	CARBON	5.6	5%	1/4W F
R675	1-247-768-00	CARBON	2.4	5%	1/4W
R689	1-247-768-00	CARBON	2.4	5%	1/4W
R690	△ 1-249-419-11	CARBON	1.5K	5%	1/4W F
R691	△ 1-249-390-11	CARBON	5.6	5%	1/4W F
R702	1-249-422-11	CARBON	2.7K	5%	1/4W
R703	△ 1-216-448-11	METAL OXIDE	39	5%	2W F
R705	1-249-423-11	CARBON	3.3K	5%	1/4W
R706	△ 1-249-405-11	CARBON	100	5%	1/4W F
R707	1-249-410-11	CARBON	270	5%	1/4W
R708	△ 1-249-389-11	CARBON	4.7	5%	1/4W F
R709	1-249-423-11	CARBON	3.3K	5%	1/4W
R710	1-249-437-11	CARBON	47K	5%	1/4W
R711	1-249-429-11	CARBON	10K	5%	1/4W
R712	1-249-429-11	CARBON	10K	5%	1/4W
R713	1-249-426-11	CARBON	5.6K	5%	1/4W
R714	1-249-417-11	CARBON	1K	5%	1/4W
R715	1-249-426-11	CARBON	5.6K	5%	1/4W
R716	1-249-417-11	CARBON	1K	5%	1/4W
R718	△ 1-249-401-11	CARBON	47	5%	1/4W F
R721	1-249-413-11	CARBON	470	5%	1/4W
R722	1-249-437-11	CARBON	47K	5%	1/4W
R723	1-249-437-11	CARBON	47K	5%	1/4W
R724	1-249-437-11	CARBON	47K	5%	1/4W
R725	1-249-437-11	CARBON	47K	5%	1/4W
R726	1-249-410-11	CARBON	270	5%	1/4W
R727	1-249-429-11	CARBON	10K	5%	1/4W
R728	1-249-417-11	CARBON	1K	5%	1/4W
R801	△ 1-249-389-11	CARBON	4.7	5%	1/4W F
R802	1-249-437-11	CARBON	47K	5%	1/4W

(AV570X/AV370X/AV23)

Note:

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN

TONE

SPEAKER SWITCH

MUTING

HP

TUNER

Ref. No.	Part No.	Description	Remark		
R803	1-249-396-11	CARBON	18	5%	1/6W (AV570X/AV370X/AV23)
R804 Δ	1-247-739-11	CARBON	100	5%	1/2W F
R805	1-249-425-11	CARBON	4.7K	5%	1/4W (AV570X/AV370X/AV23)
< VARIABLE RESISTOR >					
RV501	1-241-407-11	RES. VAR. CARBON 100K/100K (BALANCE)			
RV503	1-241-406-11	RES. VAR. CARBON 100K/100K (TONE BASS)			
RV504	1-241-406-11	RES. VAR. CARBON 100K/100K (TONE TREBLE)			
< RELAY >					
RY601	1-515-533-11	RELAY			
< SWITCH >					
S327	1-554-303-21	SWITCH, TACTILE			
S328	1-554-303-21	SWITCH, TACTILE (AV570X/AV370X/AV23)			
S329	1-554-303-21	SWITCH, TACTILE			
S601	1-571-485-11	SWITCH, PUSH (2 KEY) (SPEAKER A/B)			
< TERMINAL >					
TM601	1-537-341-11	TERMINAL BOARD (8P SP)			

* A-4341-739-A TUNER BOARD, COMPLETE					

< CAPACITOR >					
C1	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C2	1-124-477-11	ELECT	47uF	20%	25V
C3	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C4	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C5	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C10	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C21	1-161-021-11	CERAMIC	0.047uF	10%	25V
C22	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C23	1-124-477-11	ELECT	47uF	20%	25V
C24	1-123-382-00	ELECT	3.3uF	20%	100V
C25	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C26	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C27	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C28	1-124-903-11	ELECT	1uF	20%	50V
C30	1-124-903-11	ELECT	1uF	20%	50V
C31	1-124-902-00	ELECT	0.47uF	20%	50V
C32	1-124-463-00	ELECT	0.1uF	20%	50V
C33	1-130-482-00	MYLAR	0.0082uF	5%	50V
C34	1-123-382-00	ELECT	3.3uF	20%	100V
C35	1-130-482-00	MYLAR	0.0082uF	5%	50V

Ref. No.	Part No.	Description	Remark		
C36	1-123-382-00	ELECT	3.3uF	20%	100V
C37	1-124-907-11	ELECT	10uF	20%	50V
C39	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C40	1-124-463-00	ELECT	0.1uF	20%	50V
C41	1-124-927-11	ELECT	4.7uF	20%	100V
C42	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C43	1-126-176-11	ELECT	220uF	20%	10V
C44	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C45	1-123-382-00	ELECT	3.3uF	20%	100V
C46	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C48	1-123-382-00	ELECT	3.3uF	20%	100V
C49	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C51	1-124-477-11	ELECT	47uF	20%	25V
C61	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C62	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C63	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C64	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C81	1-102-961-00	CERAMIC	27PF	5%	50V
C82	1-102-961-00	CERAMIC	27PF	5%	50V
C83	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C84	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C85	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C86	1-124-477-11	ELECT	47uF	20%	25V
C87	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C101	1-124-925-11	ELECT	2.2uF	20%	100V
C102	1-124-463-00	ELECT	0.1uF	20%	50V
C104	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C105	1-124-477-11	ELECT	47uF	20%	25V
< FILTER >					
CF1	1-567-389-11	FILTER, CERAMIC (FM)			
CF2	1-567-389-11	FILTER, CERAMIC (FM)			
CF21	1-577-075-11	OSCILLATOR, CERAMIC (19.0kHz)			
CFT21	1-404-713-11	TRANSFORMER, IF (CERAMIC FILTER)			
< CONNECTOR >					
CNJ1	* 1-569-795-11	HOUSING, CONNECTOR 10P			
CNJ2	* 1-580-803-11	HOUSING, CONNECTOR 7P			
< FRONT END >					
FE1	1-465-006-11	FRONT END (FM) (2 GANG)			
FE61	1-236-461-11	ENCAPSULATED COMPONENT (AM)			
< IC >					
IC21	8-759-821-45	IC LA1851N			
IC81	8-759-820-91	IC LC7218			

Note:
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

TUNER

Ref. No.	Part No.	Description	Remark
< COIL >			
L21	1-410-494-11	INDUCTOR 1MMH	
< FILTER >			
LPF21	1-235-164-00	FILTER, LOW PASS	
LPF22	1-235-164-00	FILTER, LOW PASS	
< TRANSISTOR >			
Q1	8-729-230-XX	TRANSISTOR 2SC2669-0Y	
Q21	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q22	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q23	8-729-900-61	TRANSISTOR DTA114ES	
Q24	8-729-900-80	TRANSISTOR DTC114ES	
Q81	8-729-900-61	TRANSISTOR DTA114ES	
Q82	8-729-900-80	TRANSISTOR DTC114ES	
Q83	8-729-202-67	TRANSISTOR 2SK246-GR3	
Q84	8-729-230-93	TRANSISTOR 2SC3113-AB	
< RESISTOR >			
R1	△ 1-249-401-11	CARBON 47 5% 1/4W F	
R4	1-216-013-00	METAL CHIP 33 5% 1/10W	
R5	1-216-013-00	METAL CHIP 33 5% 1/10W	
R6	1-216-037-00	METAL CHIP 330 5% 1/10W	
R7	1-216-109-00	METAL CHIP 330K 5% 1/10W	
R21	△ 1-249-404-00	CARBON 82 5% 1/4W F	
R22	1-247-535-11	CARBON 8.2K 5% 1/4W	
R23	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R24	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R25	1-216-071-00	METAL CHIP 8.2K 5% 1/10W	
R27	1-247-543-11	CARBON 18K 5% 1/4W	
R28	1-247-719-11	CARBON 3.3K 5% 1/4W	
R29	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R31	1-216-041-00	METAL CHIP 470 5% 1/10W	
R32	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R33	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R35	1-216-089-00	METAL CHIP 47K 5% 1/10W	
R37	1-216-109-00	METAL CHIP 330K 5% 1/10W	
R39	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R40	1-216-055-00	METAL CHIP 1.8K 5% 1/10W	
R41	1-216-067-00	METAL CHIP 5.6K 5% 1/10W	
R42	1-216-109-00	METAL CHIP 330K 5% 1/10W	
R44	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R45	1-216-055-00	METAL CHIP 1.8K 5% 1/10W	
R46	1-216-067-00	METAL CHIP 5.6K 5% 1/10W	
R47	△ 1-249-409-11	CARBON 220 5% 1/4W F	
R61	1-216-097-00	METAL CHIP 100K 5% 1/10W	
R62	1-216-089-00	METAL CHIP 47K 5% 1/10W	
R63	1-216-009-00	METAL CHIP 22 5% 1/10W	

Ref. No.	Part No.	Description	Remark
R81	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R82	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R83	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R84	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R85	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R86	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R87	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R88	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R89	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R90	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R91	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R92	△ 1-249-401-11	CARBON 47 5% 1/4W F	
R101	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R102	1-216-043-00	METAL CHIP 560 5% 1/10W	
R103	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R104	1-216-035-00	METAL CHIP 270 5% 1/10W	
R105	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R106	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R107	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R108	1-216-025-00	METAL CHIP 100 5% 1/10W	
R109	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R110	△ 1-249-405-11	CARBON 100 5% 1/4W F	
< VARIABLE RESISTOR >			
RV21	1-238-015-11	RES. ADJ. CARBON 4.7K (FM SEP)	
RV24	1-238-017-11	RES. ADJ. CARBON 22K (FM TUNING)	
< TRANSFORMER >			
T21	1-404-807-11	TRANSFORMER, DISCRIMINATOR (PRIMARY)	
< TERMINAL >			
TM1	* 1-537-264-11	TERMINAL BOARD (ANTENNA)	
< TEST PIN >			
TP1	* 1-560-060-00	PIN, CONNECTOR 2P	
< CRYSTAL >			
XT81	1-577-126-11	VIBRATOR, CRYSTAL 7.2MHz	

Note:

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	

13	* 1-590-769-11	WIRE, FLAT TYPE (7 CORE)	
14	* 1-590-499-11	WIRE, FLAT TYPE (23 CORE)	
15	* 1-590-770-11	WIRE, FLAT TYPE (11 CORE)	
65	△ 1-551-478-00	CORD, POWER	
F901	△ 1-576-107-11	FUSE GLASS TUBE (3.15A 125V)	
F902	△ 1-576-109-11	FUSE GLASS TUBE (5A 125V)	
T901	△ 1-450-365-11	TRANSFORMER, POWER (AV370X/AV270X/AV23)	
T901	△ 1-450-362-11	TRANSFORMER, POWER (AV570X)	

ACCESSORY & PACKING MATERIAL

- 1-465-423-11 REMOTE COMMANDER (RM-S103)
(AV570X/AV370X/AV23)
- 1-501-374-11 ANTENNA, LOOP
- 2-181-754-01 COVER, BATTERY (for RM-S103)
- 3-753-021-21 MANUAL, INSTRUCTION (ENGLISH)
(AV570X/AV270X) (US)
- 3-753-021-31 MANUAL, INSTRUCTION (ENGLISH, FRENCH)
(AV570X/AV370X) (Canadian)
- 3-753-022-21 MANUAL, INSTRUCTION (ENGLISH) (AV23) (US)
- * 4-943-615-01 CUSHION
- * 4-943-616-01 INDIVIDUAL CARTON (AV570X)
- * 4-943-617-01 INDIVIDUAL CARTON (AV270X)
- * 4-943-618-01 INDIVIDUAL CARTON (AV23)
- * 4-943-647-01 INDIVIDUAL CARTON (AV370X)

HARDWARE LIST

- # 1 7-682-547-04 SCREW +BVTT 3X6 (S)
- # 2 7-682-548-04 SCREW +BVTT 3X8 (S)
- # 3 7-682-560-04 SCREW +BVTT 4X6 (S)
- # 4 7-685-650-79 SCREW +BVTP 3X16 TYPE2 IT-3
- # 5 7-685-647-79 SCREW +BTP 3X10 TYPE2 N-S
- # 6 7-682-547-09 SCREW +BVTT 3X6 (S)

Note:

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

STR-AV23/AV270X/AV370X/AV570X

SONY SERVICE MANUAL

US Model
STR-AV23/AV270X/AV570X
Canadian Model
STR-AV370X/AV570X

CORRECTION-1

Correct your service manual as shown below.

 : Indicates corrected portion

Page	Incorrect			Correct	
35	<u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Description</u>
	F902	1-576-109-11	FUSE GLASS TUBE (5A 125V)	1-576-107-11 1-576-109-11 	FUSE GLASS TUBE (3.15A 125V) (AV23/AV270X /AV370X) FUSE GLASS TUBE (5A 125V) (AV570X)
18	